



**RECRA
LabNet**

a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

**Recra LabNet Philadelphia
Analytical Report**

Client: TNU-HANFORD B99-056
RFW#: 9905L101
SDG/SAF#: H0424/B99-056

W.O.#: 10985-001-001-9999-00
Date Received: 05-27-99

PESTICIDE, DDT SERIES

The set of samples consisted of fifty-eight (58) insect samples collected on 04-15,19,20,21-99

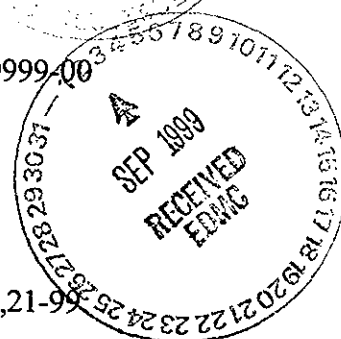
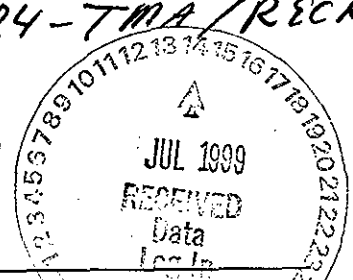
The samples and their associated QC samples were extracted on 06-04,07,08-99 and analyzed based on SW846, 3rd Edition, procedures on 06-09,10,11,14-99. The extraction procedure was based on Method 3540 and the extracts were analyzed based on Method 8081 for DDT Series.

The following is a summary of the QC results accompanying the sample results and a description of any problems encountered during their analyses:

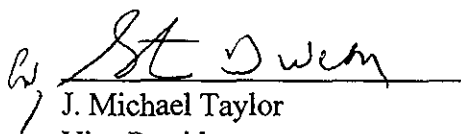
1. The cooler temperature has been recorded on the chain-of-custody.
2. All required holding times for analysis have been met. The samples were received out of SW846 extraction hold time for solids.
3. The samples and their associated QC samples received a sulfuric acid cleanup, with the exception of sample B0V883, which could not be acid cleaned.
4. The method blanks were below the reporting limits for all target compounds.
5. Two (2) of one-hundred-eighteen (118) obtainable surrogate recoveries were outside acceptance criteria. A copy of the Sample Discrepancy Report (SDR) has been enclosed.
6. All blank spike recoveries were within acceptance criteria.
7. One (1) of twelve (12) obtainable matrix spike recoveries were outside acceptance criteria. A copy of the Sample Discrepancy Report (SDR) has been enclosed.
8. Matrix spike recoveries were unobtainable for sample B0V899 due to the dilution required for analysis.
9. Several samples required instrument dilutions due to high concentrations of target analytes.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 88 pages.

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10. Sample B0V833 required a 2-fold instrument dilution due to chromatographic anomalies. Reporting limits have been adjusted to reflect the necessary dilutions.
11. All initial calibrations associated with this data set were within acceptance criteria.
12. All continuing calibration standards analyzed prior to sample extracts were within acceptance criteria.


J. Michael Taylor
Vice President
Philadelphia Analytical Laboratory

06-29-99
Date

jeh\r:\group\data\pest\05L-101.pes



Recra LabNet Philadelphia Sample Discrepancy Report (SDR) SDR #:

99BC125

Initiator: B. Pastor RFW Batch: 99054101
 Date: 6/16/99 Samples: 021ms, 028
 Client: TNU-Hanford Method: SW846/ICAWW/CLP/

Parameter: 060PX
 Matrix: bugs
 Prep Batch: 99LE0694

1. Reason for SDR

a. COC Discrepancy ☐ Tech Profile Error ☐ Client Request ☐ Sampler Error on C-O-C
☐ Transcription Error ☐ Wrong Test Code ☐ Other _____

b. General Discrepancy

☐ Missing Sample/Extract ☐ Container Broken ☐ Wrong Sample Pulled ☐ Label ID's Illegible
☐ Hold Time Exceeded ☐ Insufficient Sample ☐ Preservation Wrong ☐ Received Past Hold
☐ Improper Bottle Type ☐ Not Amenable to Analysis

Note: Verified by [Log-In] or [Prep Group] (circle)...signature/date: _____

c. QC Problem (Include all relevant specific results; attach data if necessary)

① Sample 028 had high surrogate for TCX @ 125% (QC limit = 122%)
 & PCB @ 122% (QC limit = 118%)
 ② Sample 021ms had a high ODE spike recovery @ 212%. DPP + DPT were acceptable

2. Known or Probable Causes(s)

② - This is probably due to the matrix being bugs which are not homogenous & also contained ODE.

3. Discussion and Proposed Action

Other Description: NOTE IN NARRATIVE

☐ Re-log
☐ Entire Batch
☐ Following Samples: _____
☐ Re-leach
☐ Re-extract
☐ Re-digest
☐ Revise EDD
☐ Change Test Code to _____
☐ Place On/Take Off Hold (circle)

4. Project Manager Instructions...signature/date:

[Signature] 6-16-99

☒ Concur with Proposed Action
☐ Disagree with Proposed Action; See Instruction
☐ Include in Case Narrative
☐ Client Contacted:
 Date/Person _____
☐ Add
☐ Cancel

5. Final Action...signature/date:

[Signature] 6/16/99 Other Explanation:

☐ Verified re-[log][leach][extract][digest][analysis] (circle)
☐ Included in Case Narrative
☐ Hard Copy COC Revised
☐ Electronic COC Revised
☐ EDD Corrections Completed

When Final Action has been recorded, forward original to QA Specialist for distribution and filing.

| Route | Distribution of Completed SDR | Route | Distribution of Completed SDR |
|-------------------------------------|---|--------------------------|-------------------------------|
| <input checked="" type="checkbox"/> | X Initiator | <input type="checkbox"/> | Metals: Doughty |
| <input checked="" type="checkbox"/> | X Lab Manager: M. Taylor | <input type="checkbox"/> | Inorganic: Perrone |
| <input checked="" type="checkbox"/> | X Project Mgr: Stone/Carey/Schrenkel <u>Johnson</u> | <input type="checkbox"/> | GC/LC: Schnell |
| <input checked="" type="checkbox"/> | X Section Mgr: Wesson/Daniels | <input type="checkbox"/> | MS: LeMin/Taylor |
| <input checked="" type="checkbox"/> | X QA (file): Racioppi | <input type="checkbox"/> | Log-in: Toder |
| <input type="checkbox"/> | Data Management: Feldman | <input type="checkbox"/> | Admin: Soos |
| <input type="checkbox"/> | Sample Prep: Schnell/Doughty/Kauffman | <input type="checkbox"/> | Other: _____ |

GLOSSARY OF PESTICIDE/PCB DATA

DATA QUALIFIERS

- U** = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J** = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I** = Interference.

ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- SP** = Indicates Spiked Compound.



GLOSSARY OF PESTICIDE/PCB DATA

- P** = This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".
- D** = This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C** = This flag applies to a compound that has been confirmed by GC/MS.

Recra LabNet - Lionville Laboratory
 PEST/PCB ANALYTICAL DATA PACKAGE FOR
 TNU-HANFORD B99-056

DATE RECEIVED: 05/27/99

RFW LOT # :9905L101

| CLIENT ID | RFW # | MTX | PREP # | COLLECTION | EXTR/PREP | ANALYSIS |
|-----------|---------|-----|----------|------------|-----------|----------|
| B0V9C2 | 001 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/10/99 |
| B0V9B1 | 002 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/10/99 |
| B0V9B2 | 003 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/10/99 |
| B0V9B4 | 004 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/10/99 |
| B0V9B5 | 005 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/10/99 |
| B0V9B6 | 006 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/10/99 |
| B0V9B7 | 007 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/11/99 |
| B0V8B0 | 008 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/11/99 |
| B0V9B8 | 009 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/11/99 |
| B0V9B9 | 010 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/11/99 |
| B0V8B3 | 011 | SO | 99LE0693 | 04/15/99 | 06/04/99 | 06/10/99 |
| B0V8B2 | 012 | SO | 99LE0693 | 04/15/99 | 06/04/99 | 06/11/99 |
| B0V8B1 | 013 | SO | 99LE0693 | 04/15/99 | 06/04/99 | 06/11/99 |
| B0VF60 | 015 | SO | 99LE0693 | 05/19/99 | 06/04/99 | 06/10/99 |
| B0VF60 | 015 MS | SO | 99LE0693 | 05/19/99 | 06/04/99 | 06/10/99 |
| B0VF60 | 015 MSD | SO | 99LE0693 | 05/19/99 | 06/04/99 | 06/10/99 |
| B0VF58 | 016 | SO | 99LE0693 | 05/19/99 | 06/04/99 | 06/10/99 |
| B0V9C1 | 017 | SO | 99LE0693 | 04/20/99 | 06/04/99 | 06/11/99 |
| B0V8B4 | 018 | SO | 99LE0693 | 04/15/99 | 06/04/99 | 06/10/99 |
| B0V8B5 | 019 | SO | 99LE0693 | 04/21/99 | 06/04/99 | 06/10/99 |
| B0V8B6 | 020 | SO | 99LE0693 | 04/21/99 | 06/04/99 | 06/11/99 |
| B0V8B7 | 021 | SO | 99LE0694 | 04/21/99 | 06/07/99 | 06/09/99 |
| B0V8B7 | 021 MS | SO | 99LE0694 | 04/21/99 | 06/07/99 | 06/09/99 |
| B0V8B7 | 021 MSD | SO | 99LE0694 | 04/21/99 | 06/07/99 | 06/09/99 |
| B0V8B8 | 022 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/10/99 |
| B0V8C0 | 023 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C1 | 024 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C2 | 025 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C3 | 026 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C4 | 027 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C5 | 028 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C6 | 029 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C7 | 030 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C8 | 031 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8C9 | 032 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V8D3 | 033 | SO | 99LE0694 | 04/20/99 | 06/07/99 | 06/09/99 |
| B0V874 | 034 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/09/99 |
| B0V875 | 035 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/09/99 |

Handwritten: 06-15-99

Recra LabNet - Lionville Laboratory
 PEST/PCB ANALYTICAL DATA PACKAGE FOR
 TNU-HANFORD B99-056

DATE RECEIVED: 05/27/99

RFW LOT # :9905L101

| CLIENT ID | RFW # | MTX | PREP # | COLLECTION | EXTR/PREP | ANALYSIS |
|-----------|---------|-----|----------|------------|-----------|----------|
| BOV876 | 036 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/09/99 |
| BOV877 | 037 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/09/99 |
| BOV878 | 038 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/09/99 |
| BOV879 | 039 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/10/99 |
| BOV880 | 040 | SO | 99LE0694 | 04/15/99 | 06/07/99 | 06/10/99 |
| BOV881 | 041 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV882 | 042 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV883 | 043 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV884 | 044 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV885 | 045 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV886 | 046 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV887 | 047 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV888 | 048 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV889 | 049 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/10/99 |
| BOV890 | 050 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV891 | 051 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV892 | 052 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV893 | 053 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV894 | 054 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV895 | 055 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV896 | 056 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV897 | 057 | SO | 99LE0702 | 05/15/99 | 06/08/99 | 06/11/99 |
| BOV898 | 058 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/14/99 |
| BOV899 | 059 | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV899 | 059 MS | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |
| BOV899 | 059 MSD | SO | 99LE0702 | 04/15/99 | 06/08/99 | 06/11/99 |

LAB QC:

| | | | | | | |
|--------|--------|---|----------|-----|----------|----------|
| PBLKLP | MB1 | S | 99LE0693 | N/A | 06/04/99 | 06/10/99 |
| PBLKLP | MB1 BS | S | 99LE0693 | N/A | 06/04/99 | 06/10/99 |
| PBLKLQ | MB1 | S | 99LE0694 | N/A | 06/07/99 | 06/09/99 |
| PBLKLQ | MB1 BS | S | 99LE0694 | N/A | 06/07/99 | 06/09/99 |
| PBLKLV | MB1 | S | 99LE0702 | N/A | 06/08/99 | 06/10/99 |
| PBLKLV | MB1 BS | S | 99LE0702 | N/A | 06/08/99 | 06/10/99 |

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06-1899

RFW Batch Number: 9905L101

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 1

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| Cust ID: | | B0V9C2 | | B0V9B1 | | B0V9B2 | | B0V9B4 | | B0V9B5 | | B0V9B6 | |
|--|----------------------|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|
| Sample Information | RFW#: | 001 | | 002 | | 003 | | 004 | | 005 | | 006 | |
| | Matrix: | SOLID | | SOLID | | SOLID | | SOLID | | SOLID | | SOLID | |
| | D.F.: | 5.00 | | 1.00 | | 1.00 | | 1.00 | | 1.00 | | 1.00 | |
| | Units: | UG/KG | | UG/KG | | UG/KG | | UG/KG | | UG/KG | | UG/KG | |
| Surrogate: | Decachlorobiphenyl | 77 | % | 105 | % | 96 | % | 107 | % | 105 | % | 96 | % |
| | Tetrachloro-m-xylene | 78 | % | 92 | % | 82 | % | 98 | % | 98 | % | 85 | % |
| =====fl=====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | | | | | | | | | |
| | 4,4'-DDE | 670 | | 520 | | 300 | | 180 | | 420 | | 180 | |
| | 4,4'-DDD | 210 | U | 50 | U | 48 | U | 42 | U | 56 | U | 42 | U |
| | 4,4'-DDT | 210 | U | 50 | U | 48 | U | 42 | U | 56 | U | 42 | U |

| | Cust ID: | B0V9B7 | B0V8B0 | B0V9B8 | B0V9B9 | B0V8B3 | B0V8B2 |
|--------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Information | RFW#: | 007 | 008 | 009 | 010 | 011 | 012 |
| | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 2.00 | 2.00 | 5.00 | 1.00 | 1.00 | 2.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 95 % | 64 % | D % | 82 % | 84 % | 100 % |
| | Tetrachloro-m-xylene | 82 % | 60 % | D % | 75 % | 82 % | 88 % |
| | | =====fl===== | =====fl===== | =====fl===== | =====fl===== | =====fl===== | =====fl===== |
| 4,4'-DDE | | 360 | 420 | 620 | 42 U | 440 | 570 |
| 4,4'-DDD | | 62 U | 77 U | 170 U | 42 U | 42 U | 77 U |
| 4,4'-DDT | | 62 U | 77 U | 170 U | 42 U | 42 U | 77 U |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
 %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-18-99

Pesticides/PCB by GC, Special List

RFW Batch Number: 9905L101

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 2

[illegible]

| | Cust ID: | B0V8B4 | B0V8B5 | B0V8B6 | B0V8B7 | B0V8B7 | B0V8B7 |
|--------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Information | RFW#: | 018 | 019 | 020 | 021 | 021 MS | 021 MSD |
| | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 1.00 | 1.00 | 10.0 | 1.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 96 % | 83 % | D % | 101 % | 118 % | 111 % |
| | Tetrachloro-m-xylene | 82 % | 78 % | D % | 102 % | 112 % | 110 % |
| | | =====fl===== | =====fl===== | =====fl===== | =====fl===== | =====fl===== | =====fl===== |
| | 4,4' -DDE | 240 | 96 | 1100 | 42 U | 212 * % | 120 % |
| | 4,4' -DDD | 22 U | 36 U | 370 U | 42 U | 102 % | 106 % |
| | 4,4' -DDT | 22 U | 36 U | 650 | 42 U | 94 % | 94 % |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
 %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

96-18-77

RFW Batch Number: 9905L101

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 3

| Cust ID: | | B0V8B8 | B0V8C0 | B0V8C1 | B0V8C2 | B0V8C3 | B0V8C4 |
|--|----------------------|--------|--------|--------|--------|--------|--------|
| Sample Information | RFW#: | 022 | 023 | 024 | 025 | 026 | 027 |
| | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 5.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 104 % | 114 % | 111 % | 114 % | 113 % | 109 % |
| | Tetrachloro-m-xylene | 108 % | 108 % | 110 % | 105 % | 110 % | 108 % |
| =====fl=====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | | | |
| | 4,4'-DDE | 680 | 130 | 200 | 91 | 63 | 29 |
| | 4,4'-DDD | 230 U | 32 U | 23 U | 43 U | 37 U | 24 U |
| | 4,4'-DDT | 230 U | 32 U | 23 U | 43 U | 37 U | 24 U |

| | Cust ID: | B0V8C5 | B0V8C6 | B0V8C7 | B0V8C8 | B0V8C9 | B0V8D3 |
|-------------|----------------------|---------|---------|---------|---------|---------|---------|
| Sample | RFW#: | 028 | 029 | 030 | 031 | 032 | 033 |
| Information | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 125 * % | 113 % | 113 % | 112 % | 116 % | 111 % |
| | Tetrachloro-m-xylene | 120 * % | 108 % | 112 % | 108 % | 112 % | 108 % |
| ===== | fl===== | fl===== | fl===== | fl===== | fl===== | fl===== | fl===== |
| 4,4'-DDE | | 40 U | 54 | 42 U | 27 | 440 | 400 |
| 4,4'-DDD | | 40 U | 21 U | 42 U | 24 U | 40 U | 45 U |
| 4,4'-DDT | | 40 U | 21 U | 42 U | 24 U | 40 U | 45 U |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-18-99

RFW Batch Number: 9905L101

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 4

| | Cust ID: | B0V874 | B0V875 | B0V876 | B0V877 | B0V878 | B0V879 |
|--|----------------------|--------|--------|--------|--------|--------|--------|
| Sample | RFW#: | 034 | 035 | 036 | 037 | 038 | 039 |
| Information | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 118 % | 111 % | 115 % | 118 % | 107 % | 121 % |
| | Tetrachloro-m-xylene | 115 % | 108 % | 110 % | 95 % | 100 % | 115 % |
| =====fl=====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | | | |
| 4,4'-DDE | | 27 U | 24 U | 37 U | 34 U | 33 U | 38 U |
| 4,4'-DDD | | 27 U | 24 U | 37 U | 34 U | 33 U | 38 U |
| 4,4'-DDT | | 27 U | 24 U | 37 U | 34 U | 33 U | 38 U |

| | Cust ID: | B0V880 | B0V881 | B0V882 | B0V883 | B0V884 | B0V885 |
|--|----------------------|--------|--------|--------|--------|--------|--------|
| Sample | RFW#: | 040 | 041 | 042 | 043 | 044 | 045 |
| Information | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 110 % | 104 % | 111 % | 92 % | 109 % | 117 % |
| | Tetrachloro-m-xylene | 105 % | 105 % | 102 % | 92 % | 108 % | 112 % |
| =====fl=====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | | | |
| 4,4'-DDE | | 32 U | 210 | 26 | 39 U | 36 U | 29 U |
| 4,4'-DDD | | 32 U | 31 U | 19 U | 39 U | 36 U | 29 U |
| 4,4'-DDT | | 32 U | 31 U | 19 U | 39 U | 36 U | 29 U |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
 %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

ew
 06-15-99

011

RFW Batch Number: 9905L101

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 5

| | Cust ID: | B0V886 | B0V887 | B0V888 | B0V889 | B0V890 | B0V891 |
|--------------------|----------|--------|--------|--------|--------|--------|--------|
| Sample Information | RFW#: | 046 | 047 | 048 | 049 | 050 | 051 |
| | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 1.00 | 10.0 | 1.00 | 1.00 | 2.00 | 10.0 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |

[illegible]

| | Cust ID: | B0V892 | B0V893 | B0V894 | B0V895 | B0V896 | B0V897 |
|--------------------|----------|--------|--------|--------|--------|--------|--------|
| Sample Information | RFW#: | 052 | 053 | 054 | 055 | 056 | 057 |
| | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID |
| | D.F.: | 20.0 | 5.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |

| Surrogate: | Decachlorobiphenyl | D | % | D | % | 114 | % | 118 | % | 109 | % | 121 | % |
|------------|----------------------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| | Tetrachloro-m-xylene | D | % | D | % | 110 | % | 110 | % | 105 | % | 105 | % |
| ===== | ===== | fl | ===== | fl | ===== | fl | ===== | fl | ===== | fl | ===== | fl | ===== |
| 4,4'-DDE | | 1900 | | 610 | | 27 | U | 37 | U | 34 | U | 48 | U |
| 4,4'-DDD | | 350 | U | 140 | U | 27 | U | 37 | U | 34 | U | 48 | U |
| 4,4'-DDT | | 350 | U | 140 | U | 27 | U | 37 | U | 34 | U | 48 | U |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. % = Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-18-91

210

RFW Batch Number: 9905L101

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 6

340

| Cust ID: | | B0V898 | B0V899 | B0V899 | B0V899 | PBLKLP | PBLKLP BS |
|---|----------------------|--------|--------|--------|---------|--------------|--------------|
| Sample Information | RFW#: | 058 | 059 | 059 MS | 059 MSD | 99LE0693-MB1 | 99LE0693-MB1 |
| | Matrix: | SOLID | SOLID | SOLID | SOLID | SOIL | SOIL |
| | D.F.: | 5.00 | 5.00 | 5.00 | 5.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | D % | D % | D % | D % | 87 % | 100 % |
| | Tetrachloro-m-xylene | D % | D % | D % | D % | 82 % | 95 % |
| =====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | | | |
| | 4,4'-DDE | 400 | 940 | D % | D % | 3.3 U | 104 % |
| | 4,4'-DDD | 160 U | 280 U | D % | D % | 3.3 U | 100 % |
| | 4,4'-DDT | 160 U | 280 U | D % | D % | 3.3 U | 102 % |

| | Cust ID: | PBLKLQ | PBLKLQ BS | PBLKLV | PBLKLV BS |
|---|----------------------|--------------|--------------|--------------|--------------|
| Sample Information | RFW#: | 99LE0694-MB1 | 99LE0694-MB1 | 99LE0702-MB1 | 99LE0702-MB1 |
| | Matrix: | SOIL | SOIL | SOIL | SOIL |
| | D.F.: | 1.00 | 1.00 | 1.00 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 109 % | 114 % | 108 % | 108 % |
| | Tetrachloro-m-xylene | 110 % | 102 % | 110 % | 108 % |
| =====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | |
| 4,4'-DDE | | 3.3 U | 96 % | 3.3 U | 92 % |
| 4,4'-DDD | | 3.3 U | 90 % | 3.3 U | 84 % |
| 4,4'-DDT | | 3.3 U | 92 % | 3.3 U | 88 % |

U= Analyzed; not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

06-18-97

014

[illegible]

Special instructions:

sub # B99-056

6/2/99 - Samples 014, 061 relogged to
batch 9906L135
Sample 060 relogged to
batch 9906L136

DATE/REVISIONS:

1. $07008X = 4.4 \text{ DDD}$

2. 4,4 DDE

3. 4,4 DDT

4. _____
5. Run matrix QC

6

RECRA LabNet Use Only

Samples were:
1) Shipped ☒ or
Hand Delivered ☐
Airbill # 7
2) Ambient ☒ or Chilled ☐
3) Received in Good
Condition ☒ or N ☐
4) Labels Indicate
Properly Preserved ☐

COC Tape was:

1) Present on Outer Package ☒ Y or N

2) Unbroken on Outer Package ☒ Y or N

3) Present on Sample ☒ Y or N

4) Unbroken on Sample ☒ Y or N

COC Record Present Upon Sample Rec't ☒ Y or N

Discrepancies Between
Samples Labels and
COC Record? Y or N
NOTES:

* 810539977506-2.10c

| Relinquished by | Received by | Date | Time |
|--------------------|----------------|---------|------|
| Jeelers | Jeelers | 5/27/99 | 0930 |

Relinquished by **ORIGINAL** Time
REWRITTEN

9905 L101

Custody Transfer Record/Lab Work Request



| Client <u>TNU</u> | | | | Refrigerator # <u>4</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------|----------------------|-----|-------------------------|----------------|----------------|-----------------------|-------|--|----------|-------|-------|--|-------|--|---|--|--------|-----------------------|----------------------|--|--------|----------------|----------------|-----------------------|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|--|--|--|--|--|--|--|--|----|--------|--|--|----|---------|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|--------|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|---------|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|---------|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|---------|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|---------|------|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|
| Est. Final Proj. Sampling Date _____ | | | | #/Type Container | | Liquid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project # _____ | | | | | | Solid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Contact/Phone # _____ | | | | Volume | | Liquid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECRA Project Manager _____ | | | | | | Solid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QC _____ Del _____ TAT _____ | | | | Preservatives | | <u>CD8</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Rec'd _____ Date Due _____ | | | | ANALYSES REQUESTED → | | ORGANIC | | | | | INORG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Account # _____ | | | | | | VOA | | BNA | | Pest/PCB | | Herb | | Metal | | CN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECRA LabNet Use Only | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex;"> <div style="width: 15%;"> MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum DL - Drum L - Liquids EP/TCLP Leachate WI - Wipe X - Other F - Fish </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Lab ID</th> <th rowspan="2">Client ID/Description</th> <th colspan="2">Matrix QC Chosen (✓)</th> <th rowspan="2">Matrix</th> <th rowspan="2">Date Collected</th> <th rowspan="2">Time Collected</th> <th colspan="11">RECRA LabNet Use Only</th> </tr> <tr> <th>MS</th> <th>MSD</th> <th colspan="11"></th> </tr> </thead> <tbody> <tr> <td>11</td> <td>B0V8B3</td> <td></td> <td></td> <td>SO</td> <td>4/15/99</td> <td>1344</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>12</td> <td>8B2</td> <td></td> <td></td> <td></td> <td></td> <td>1409</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>13</td> <td>8B1</td> <td></td> <td></td> <td></td> <td></td> <td>1400</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>14</td> <td>8FO</td> <td></td> <td></td> <td></td> <td>5/5/99</td> <td>1440</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>15</td> <td>F60</td> <td></td> <td></td> <td></td> <td>5/19/99</td> <td>1400</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>16</td> <td>F58</td> <td></td> <td></td> <td></td> <td></td> <td>1330</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>17</td> <td>9C1</td> <td></td> <td></td> <td></td> <td>4/20/99</td> <td>1222</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>18</td> <td>8B4</td> <td></td> <td></td> <td></td> <td>4/15/99</td> <td>1404</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>19</td> <td>8B5</td> <td></td> <td></td> <td></td> <td>4/21/99</td> <td>1056</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>20</td> <td>8B6</td> <td></td> <td></td> <td></td> <td></td> <td>1104</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> </div> | | | | | | | | | | | | | | | | | | Lab ID | Client ID/Description | Matrix QC Chosen (✓) | | Matrix | Date Collected | Time Collected | RECRA LabNet Use Only | | | | | | | | | | | MS | MSD | | | | | | | | | | | | 11 | B0V8B3 | | | SO | 4/15/99 | 1344 | | | | | | | | | | | | 12 | 8B2 | | | | | 1409 | | | | | | | | | | | | 13 | 8B1 | | | | | 1400 | | | | | | | | | | | | 14 | 8FO | | | | 5/5/99 | 1440 | | | | | | | | | | | | 15 | F60 | | | | 5/19/99 | 1400 | | | | | | | | | | | | 16 | F58 | | | | | 1330 | | | | | | | | | | | | 17 | 9C1 | | | | 4/20/99 | 1222 | | | | | | | | | | | | 18 | 8B4 | | | | 4/15/99 | 1404 | | | | | | | | | | | | 19 | 8B5 | | | | 4/21/99 | 1056 | | | | | | | | | | | | 20 | 8B6 | | | | | 1104 | | | | | | | | | | | |
| Lab ID | Client ID/Description | Matrix QC Chosen (✓) | | Matrix | Date Collected | Time Collected | RECRA LabNet Use Only | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MS | MSD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | B0V8B3 | | | SO | 4/15/99 | 1344 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 8B2 | | | | | 1409 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 8B1 | | | | | 1400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 8FO | | | | 5/5/99 | 1440 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | F60 | | | | 5/19/99 | 1400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | F58 | | | | | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 9C1 | | | | 4/20/99 | 1222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 8B4 | | | | 4/15/99 | 1404 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 8B5 | | | | 4/21/99 | 1056 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 8B6 | | | | | 1104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS | | | | DATE/REVISIONS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Special Instructions: | | | | 1. _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | 3. _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | 5. _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished by | | | | Received by | | | | Date | | | | Time | | | | Discrepancies Between Samples Labels and COC Record? Y or N NOTES: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished by | | | | Received by | | | | Date | | | | Time | | | | Discrepancies Between Samples Labels and COC Record? Y or N NOTES: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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RECRA LabNet Use Only

Samples were:

1) Shipped _____ or Hand Delivered _____
 Airbill # _____

2) Ambient or Chilled _____

3) Received in Good Condition Y or N _____

4) Labels Indicate Properly Preserved _____ or N _____

5) Received Within Holding Times _____ Y or N _____

COC Tape was:

1) Present on Outer Package Y or N _____

2) Unbroken on Outer Package Y or N _____

3) Present on Sample Y or N _____

4) Unbroken on Sample Y or N _____

COC Record Present Upon Sample Rec't Y or N _____

Page 3 of 7

9905L101

Custody Transfer Record/Lab Work Request



| Client <u>TNA</u> | | | | Refrigerator # | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Est. Final Proj. Sampling Date | | | | #/Type Container | | Liquid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project # | | | | Solid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Contact/Phone # | | | | Volume | | Liquid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECRA Project Manager | | | | Solid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QC Del TAT | | | | Preservatives | | C02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Rec'd Date Due | | | | ANALYSES REQUESTED → | | ORGANIC | | | | | INORG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Account # | | | | | | VOA | | BNA | | Pest/PCB | | Herb | | Metal | | CN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECRA LabNet Use Only | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Lab ID</th> <th rowspan="2">Client ID/Description</th> <th colspan="2">Matrix QC Chosen (✓)</th> <th rowspan="2">Matrix</th> <th rowspan="2">Date Collected</th> <th rowspan="2">Time Collected</th> <th colspan="11"></th> </tr> <tr> <th>MS</th> <th>MSD</th> <th colspan="11"></th> </tr> </thead> <tbody> <tr> <td>031</td> <td>B0V8C8</td> <td></td> <td></td> <td>SO</td> <td>4/20/99</td> <td>0940</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>32</td> <td>8C9</td> <td></td> <td></td> <td></td> <td></td> <td>1027</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>33</td> <td>8D3</td> <td></td> <td></td> <td></td> <td></td> <td>1139</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>34</td> <td>874</td> <td></td> <td></td> <td></td> <td>4/16/99</td> <td>1053</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>35</td> <td>875</td> <td></td> <td></td> <td></td> <td></td> <td>1058</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>36</td> <td>876</td> <td></td> <td></td> <td></td> <td></td> <td>1109</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>37</td> <td>877</td> <td></td> <td></td> <td></td> <td></td> <td>1130</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>38</td> <td>878</td> <td></td> <td></td> <td></td> <td></td> <td>1102</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>39</td> <td>879</td> <td></td> <td></td> <td></td> <td></td> <td>1116</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>40</td> <td>880</td> <td></td> <td></td> <td></td> <td></td> <td>1106</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> | | | | | | | | | | | | | | | | | | Lab ID | Client ID/Description | Matrix QC Chosen (✓) | | Matrix | Date Collected | Time Collected | | | | | | | | | | | | MS | MSD | | | | | | | | | | | | 031 | B0V8C8 | | | SO | 4/20/99 | 0940 | | | | | | | | | | | | 32 | 8C9 | | | | | 1027 | | | | | | | | | | | | 33 | 8D3 | | | | | 1139 | | | | | | | | | | | | 34 | 874 | | | | 4/16/99 | 1053 | | | | | | | | | | | | 35 | 875 | | | | | 1058 | | | | | | | | | | | | 36 | 876 | | | | | 1109 | | | | | | | | | | | | 37 | 877 | | | | | 1130 | | | | | | | | | | | | 38 | 878 | | | | | 1102 | | | | | | | | | | | | 39 | 879 | | | | | 1116 | | | | | | | | | | | | 40 | 880 | | | | | 1106 | | | | | | | | | | | |
| Lab ID | Client ID/Description | Matrix QC Chosen (✓) | | Matrix | Date Collected | Time Collected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MS | MSD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 031 | B0V8C8 | | | SO | 4/20/99 | 0940 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 8C9 | | | | | 1027 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 8D3 | | | | | 1139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 874 | | | | 4/16/99 | 1053 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 875 | | | | | 1058 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 876 | | | | | 1109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 877 | | | | | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 878 | | | | | 1102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 879 | | | | | 1116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 880 | | | | | 1106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

RECRA LabNet Use Only

Samples were:

1) Shipped ☐ or Hand Delivered ☐

Airbill # _____

2) Ambient or Chilled

3) Received in Good Condition Y or N

4) Labels Indicate Property Preserved Y or N

5) Received Within Holding Times Y or N

COC Tape was:

1) Present on Outer Package Y or N

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or N

4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec't Y or N

| Relinquished by | Received by | Date | Time | Relinquished by | Received by | Date | Time |
|-----------------|-------------|---------|------|-----------------|-------------|------|------|
| Decker | Toder | 5/27/99 | 0930 | | | | |
| | | | | | | | |

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:



Custody Transfer Record/Lab Work Request

018

| | | | | | | | | | | | | | | | | | | | |
|--|------------|-----------------------|----------------------|-------------------------|-----------|----------------|----------------|-----|--|----------|-------|------|--|-------|--|----|--|--|--|
| Client <u>TNU</u> | | | | Refrigerator # <u>4</u> | | | | | | | | | | | | | | | |
| Est. Final Proj. Sampling Date _____ | | | | #/Type Container | | Liquid | | | | | | | | | | | | | |
| Project # _____ | | | | | | Solid | | | | | | | | | | | | | |
| Project Contact/Phone # _____ | | | | Volume | | Liquid | | | | | | | | | | | | | |
| RECRA Project Manager _____ | | | | | | Solid | | | | | | | | | | | | | |
| QC _____ Del _____ TAT _____ | | | | Preservatives | | <u>102</u> | | | | | | | | | | | | | |
| Date Rec'd _____ Date Due _____ | | | | ANALYSES REQUESTED → | | ORGANIC | | | | | INORG | | | | | | | | |
| Account # _____ | | | | | | VOA | | BNA | | Pest/PCB | | Herb | | Metal | | CN | | | |
| RECRA LabNet Use Only | | | | | | | | | | | | | | | | | | | |
| MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish | Lab ID | Client ID/Description | Matrix QC Chosen (✓) | | Matrix | Date Collected | Time Collected | | | | | | | | | | | | |
| | | | MS | MSD | | | | | | | | | | | | | | | |
| | <u>041</u> | <u>B0V881</u> | | | <u>SO</u> | <u>4/15/99</u> | <u>1351</u> | | | | | | | | | | | | |
| | <u>42</u> | <u>882</u> | | | | | <u>1155</u> | | | | | | | | | | | | |
| | <u>43</u> | <u>883</u> | | | | | <u>1146</u> | | | | | | | | | | | | |
| | <u>44</u> | <u>884</u> | | | | | <u>1137</u> | | | | | | | | | | | | |
| | <u>45</u> | <u>885</u> | | | | | <u>1152</u> | | | | | | | | | | | | |
| | <u>46</u> | <u>886</u> | | | | | <u>1314</u> | | | | | | | | | | | | |
| | <u>47</u> | <u>887</u> | | | | | <u>1324</u> | | | | | | | | | | | | |
| | <u>48</u> | <u>888</u> | | | | | <u>1310</u> | | | | | | | | | | | | |
| | <u>49</u> | <u>889</u> | | | | | <u>1306</u> | | | | | | | | | | | | |
| | <u>50</u> | <u>890</u> | | | | | <u>1319</u> | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

RECRA LabNet Use Only

Samples were:

1) Shipped _____ or Hand Delivered _____

Airbill # _____

2) Ambient or Chilled

3) Received in Good Condition Y or N

4) Labels Indicate Properly Preserved Y or N

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COC Tape was:

1) Present on Outer Package Y or N

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or N

4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec't Y or N

| | | | | | | | |
|-----------------|---------------|----------------|-------------|-----------------|-------------|------|------|
| Relinquished by | Received by | Date | Time | Relinquished by | Received by | Date | Time |
| <u>Decker</u> | <u>Jordan</u> | <u>5/17/99</u> | <u>0930</u> | | | | |
| | | | | | | | |

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:

99056101



**RECRA
LabNet**

Custody Transfer Record/Lab Work Request

90

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|-----------------------|-----------------------|----------------------|-----------|----------------|----------------|---|-------|--|--|--|--|
| Client <u>TNU</u> | | | | | | Refrigerator # _____ | | | | | | | | | | | |
| Est. Final Proj. Sampling Date _____ | | | | | | #/Type Container | | Liquid | | | | | | | | | |
| Project # _____ | | | | | | | | Solid | | | | | | | | | |
| Project Contact/Phone # _____ | | | | | | Volume | | Liquid | | | | | | | | | |
| RECRA Project Manager _____ | | | | | | | | Solid | | | | | | | | | |
| QC _____ Del _____ TAT _____ | | | | | | Preservatives | | | | | | | | | | | |
| Date Rec'd _____ Date Due _____ | | | | | | ANALYSES REQUESTED → | | ORGANIC | | | | | INORG | | | | |
| Account # _____ | | | | | | | | VOA | BNA | Pest/PCB | Herb | Metal | CN | | | | |
| MATRIX CODES: | | | | | | RECRA LabNet Use Only | | | | | | | | | | | |
| S - Soil | | | | | | Lab ID | Client ID/Description | Matrix QC Chosen (✓) | Matrix | Date Collected | Time Collected | | | | | | |
| SE - Sediment | | | | | | | | MS MSD | | | | | | | | | |
| SO - Solid | | | | | | | | | | | | | | | | | |
| SL - Sludge | | | | | | | | | | | | | | | | | |
| W - Water | | | | | | | | | | | | | | | | | |
| O - Oil | | | | | | <u>051</u> | <u>BØV891</u> | | <u>SD</u> | <u>4/15/99</u> | <u>1336</u> | <u>Blank ✓</u> | | | | | |
| A - Air | | | | | | <u>152</u> | <u>892</u> | | | | <u>1332</u> | | | | | | |
| DS - Drum Solids | | | | | | <u>53</u> | <u>893</u> | | | | <u>1341</u> | | | | | | |
| DL - Drum Liquids | | | | | | <u>54</u> | <u>894</u> | | | | <u>1127</u> | | | | | | |
| L - EP/TCLP Leachate | | | | | | <u>55</u> | <u>895</u> | | | | <u>1122</u> | | | | | | |
| WI - Wipe | | | | | | <u>56</u> | <u>896</u> | | | | <u>1141</u> | | | | | | |
| X - Other | | | | | | <u>57</u> | <u>897</u> | | | <u>5/15/99</u> | <u>1134</u> | | | | | | |
| F - Fish | | | | | | <u>58</u> | <u>898</u> | | | <u>4/15/99</u> | <u>1346</u> | | | | | | |
| | | | | | | <u>59</u> | <u>899</u> | | | <u>1</u> | <u>1350</u> | | | | | | |
| | | | | | | <u>60</u> | <u>896</u> | | | <u>4/22/99</u> | <u>0932</u> | <u>(8 glass, 500 ml jars) 5/12/99</u> | | | | | |
| FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS | | | | | | DATE/REVISIONS: | | | | | | RECRA LabNet Use Only | | | | | |
| Special Instructions: | | | | | | _____ 1. _____ | | | | | | Samples were: | | | | | |
| | | | | | | _____ 2. _____ | | | | | | 1) Shipped ____ or Hand Delivered ____ | | | | | |
| | | | | | | _____ 3. _____ | | | | | | Airbill # _____ | | | | | |
| | | | | | | _____ 4. _____ | | | | | | 2) Ambient or Chilled | | | | | |
| | | | | | | _____ 5. _____ | | | | | | 3) Received in Good Condition Y or N | | | | | |
| | | | | | | _____ 6. _____ | | | | | | 4) Labels Indicate Properly Preserved | | | | | |
| | | | | | | | | | | | | COC Tape was: | | | | | |
| | | | | | | | | | | | | 1) Present on Outer Package Y or N | | | | | |
| | | | | | | | | | | | | 2) Unbroken on Outer Package Y or N | | | | | |
| | | | | | | | | | | | | 3) Present on Sample Y or N | | | | | |
| | | | | | | | | | | | | 4) Unbroken on Sample Y or N | | | | | |
| | | | | | | | | | | | | COC Record Present Upon Sample Rec't Y or N | | | | | |
| | | | | | | | | | | | | 5) Received Within Holding Times Y or N | | | | | |
| Relinquished by | | | | | | Received by | | | | | | Discrepancies Between Samples Labels and COC Record? Y or N | | | | | |
| Date | | | | | | Time | | | | | | NOTES: | | | | | |
| <u>Reder</u> | | | | | | <u>Joder</u> | | | | | | <u>5/27/99</u> | | | | | |
| | | | | | | | | | | | | | | | | | |

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| | | | |
|--|--|---|--|
| 4a Express Package Service Packages under 166 lbs. <input type="checkbox"/> FedEx Priority Overnight <input type="checkbox"/> FedEx Standard Overnight <small>(Next business morning) (Next business afternoon)</small> <input type="checkbox"/> FedEx First Overnight <small>(Earlier next business day) (Next business afternoon)</small> <input type="checkbox"/> FedEx 2Day <small>(Second business day) (Third business day)</small> <input type="checkbox"/> FedEx Express Saver <small>(Faster than the available National charge; the lowest rate.)</small> | | 4b Express Freight Service Packages over 166 lbs. <input type="checkbox"/> FedEx Overnight Freight <input type="checkbox"/> FedEx 2Day Freight <small>(Next business day) (Second business day)</small> <input type="checkbox"/> FedEx Express Freight <small>(Up to 3 business days)</small> | |
| 5 Packaging <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx <small>Letter Box Pak Box Box</small> <input type="checkbox"/> Other <input checked="" type="checkbox"/> Other | | 6 Special Handling Does this shipment contain dangerous goods? <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <small>Do you want to check?</small> <input type="checkbox"/> Dry Ice <input type="checkbox"/> Live Animals <input type="checkbox"/> Fragile <input type="checkbox"/> High Value <input type="checkbox"/> Other <input type="checkbox"/> Other <input type="checkbox"/> Other <input type="checkbox"/> Other | |
| 7 Payment <input type="checkbox"/> Sender <input type="checkbox"/> Recipient <input checked="" type="checkbox"/> Third Party <input type="checkbox"/> Collect on Delivery <small>Pay to order (bill to third party) (Pay to order (bill to third party)) (Pay to order (bill to third party)) (Pay to order (bill to third party))</small> <input type="checkbox"/> Cash <input type="checkbox"/> Credit Card <input type="checkbox"/> Other | | 8 Release Signature <input type="checkbox"/> Signature Required <input type="checkbox"/> Signature Not Required <input type="checkbox"/> Signature Not Required <small>(Signature required for all shipments) (Signature required for all shipments) (Signature required for all shipments)</small> | |
| 9 Total Package Total Weight Total Declared Value* Total Charges 1 80 : NVO .00 \$ | | 10 Release Signature <input type="checkbox"/> Signature Required <input type="checkbox"/> Signature Not Required <input type="checkbox"/> Signature Not Required <small>(Signature required for all shipments) (Signature required for all shipments) (Signature required for all shipments)</small> | |

*Value declared for customs purposes only. For more information, see the back of this form.
 **For more information, see the back of this form.
 ***For more information, see the back of this form.

Questions? Call 1-800-Go-FedEx (800)463-3339

FedEx is a registered trademark of FedEx Corporation.
 FedEx Express is a registered trademark of FedEx Corporation.
 FedEx Overnight is a registered trademark of FedEx Corporation.
 FedEx 2Day is a registered trademark of FedEx Corporation.
 FedEx Standard Overnight is a registered trademark of FedEx Corporation.
 FedEx First Overnight is a registered trademark of FedEx Corporation.
 FedEx Express Saver is a registered trademark of FedEx Corporation.
 FedEx Overnight Freight is a registered trademark of FedEx Corporation.
 FedEx 2Day Freight is a registered trademark of FedEx Corporation.
 FedEx Express Freight is a registered trademark of FedEx Corporation.

SHIPPING INST.

SHIPMENT DESCRIPTION

SHIP TO: RECRA Lab Net
Company
208 Welsh Pool Road
Address
Lionville, PA 19341-1333
City, State, Zip
Orlette Johnson
Attention: 1-610-280-3012

HAZARDOUS MATERIAL SHIPMENT RECORD
(HMSR)

-22.8

Originating Facility: Building 3728 Area 300
Originator Signature: David Stys Date: 5/26/99
FROM: ☐ WHC ☐ KEH ☐ PNL ☒ OTHER BHE
OFFSITE ONLY: SHIP: ☒ PREPAID ☐ COLLECT
VIA: ☐ Parcel Post ☐ Air Parcel Post ☐ Freight (Rail/Truck)
☒ Air (Passenger) ☐ Air (Cargo) Cost Code: MEA122 1P40

CONTAINERS/PACKAGING

CONTENT DESCRIPTION

| Number of Containers | Type | DOT Spec | Package Dimensions | Quantity Pkg | Gross Wt Each Pkg | See 49 CFR 172.101(c) Hazardous Material Table |
|----------------------|----------------------|-----------------------|-----------------------|---|-------------------|---|
| 1 | Poly Cooler (vented) | Strong Tight (vented) | 30 cm X 45 cm X 40 cm | 56-120 ml 11-500 ml 12.2 Liters total contained | 80 lbs 35 kg | Proper Ship Name: <u>Carbon dioxide, solid</u> Hazard Class: <u>CLASS 9</u> UN/NA No.: <u>UN 1845 PG III</u> List Secondary Hazards: <u>NONE</u> List Labels Req'd/Applied: <u>NONE</u> |

Note: Contains 2 33 lbs/15 kg Dry Ice

Contains 61 sample sets under
SAF Number: B9A-056

EMERGENCY RESPONSE —
1-888-766-0771
ERG Number 120

Proper Ship Name:
Hazard Class:
UN/NA No.: Note: Complies with
List Secondary Hazards: 49 CFR 173.217
List Labels Req'd/Applied: and Dangerous
Proper Ship Name: Goods Regulations,
Hazard Class: Packing Instruction
UN/NA No.: No. 904 and state
List Secondary Hazards: Variation USG-13
List Labels Req'd/Applied:

| | | | |
|----------------------------------|--------------------------------------|---|---|
| Total No. Containers <u>1</u> | Gross Wt of Shipment <u>35 Kg</u> | Identify Placards Required: 1. <u>NONE</u> 3. _____ 2. _____ 4. _____ | Identify Property Control or Return Order No.: (if applicable) |
|----------------------------------|--------------------------------------|---|---|

Material in manufacturers original container: ☐ Yes ☒ No
Container free of deterioration or damage: ☒ Yes
Container acceptability documented: ☒ Yes
Material is packaged, sealed, marked and labelled to meet DOT requirements ☒ Yes

Describe Internal Packaging:
Glass sample bottles containing
frozen bugs and bird eggs wrapped
in bubble wrap. Dry ice wrapped
in paper/cardboard for cooling. Ice
chest is vented to prevent pressure
build up.

RADIATION RELEASE: N/A - All samples collected from Havernd NORTH SLOPE
Survey No.: _____ Date: _____ RM Signature: _____ Print Name: _____

CERTIFICATION Non-Radioactive Areas.CONTRACTORS
CERTIFICATION

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport according to the applicable regulations of the Department of Transportation:

This shipment is within the Limitations prescribed for:

☒ Passenger Aircraft ☐ Cargo Aircraft ☐ NA

Authorizing Signature: M.A. Sams Print Name: M.A. Sams Date: 5-26-99

FOR OFFSITE SHIPMENTS - ADDITIONAL APPROVAL REQUIRED

| | | | | | | |
|-----|---------|--------------|-----------------------|----------------|--------------|------------------------|
| WHC | TRAFFIC | B.L. No. | Date Shipped | ETA | Routing | Special Considerations |
| | | | <u>5/26/99</u> | <u>5/27/99</u> | <u>FED-X</u> | <u>022</u> |
| | | WHC Traffic: | <u>Therese Bryner</u> | | | WHC Shipping: |

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-76

Page 1 of 1

| | | | | | |
|--|--------------------------------|--------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Steve Weiss | Telephone No. 3729531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | H06 LE | SAF No. B99-056 | | |
| Ice Chest No. ERC 96-053 | Field Logbook No. | | Method of Shipment Fed Ex | | |
| Shipped For TMA/RECRA | Offsite Property No. | | Bill of Lading/Air Bill No. | | |

COA

MDA 1221P40

| POSSIBLE SAMPLE HAZARDS/REMARKS | Preservation | Frozen | | | | | | | | | | | |
|---------------------------------|---------------------|--|-------------|---|--|--|--|--|--|--|--|--|--|
| | Type of Container | aG | | | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | | | |
| | Volume | 120g | | | | | | | | | | | |
| Special Handling and/or Storage | | | | | | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | |
| B0V9C2 | Other Solid | 4/20/99 | 1220 | X | | | | | | | | | |
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|--------------------------------|---------------------------|---------------------------|---------------------------|---|-----------|---|--|
| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | Matrix * | |
| Relinquished By J. Linville | Date/Time 5/25/99 1545 | Received By R. Nielson | Date/Time 5/26/99 1545 | Samples stored in freezer at 3728 From date of collection until shipment to Lab. 5/26/99 RN | | Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By R. Nielson | Date/Time 5/26/99 1830 | Received By Fed Ex | Date/Time | | | | |
| Relinquished By Fed Ex | Date/Time | Received By Fed Ex | Date/Time 5/27/99 0930 | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | |
| LABORATORY SECTION | Received By | | Title | | Date/Time | | |
| FINAL SAMPLE DISPOSITION | Disposal Method | | Disposed By | | Date/Time | | |

Page 1 of 1

45 Days

COA MEA1221P40

120g

Pest/PCBs -
 8081 | 4,4'-
 DDD, 4,4'-
 DDE, 4,4'-
 DDT |

Soil
Water
Vapor
Other Solid
Other Liquid

FINAL SAMPLE DISPOSITION

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-66

Page 1 of 1

| | | | | | |
|--|--------------------------------|------------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Steve Weiss | Telephone No. 372 9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location H-06-LE | SAF No. B99-056 | | | |
| Ice Chest No. ERC96-053 | Field Logbook No. | Method of Shipment Fed Ex | | | |
| Shipped To TMA/RECRA | Offsite Property No. | Bill of Lading/Air Bill No. | | | |

COA MEA221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

120g

Special Handling and/or Storage

I1

SAMPLE ANALYSIS

 Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 80V9B2 | Other Solid | 5/20/99 | 1156 | X | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

SPECIAL INSTRUCTIONS

 Samples stored in freezer at 3728
 from date of collection until
 shipment to Lab 5/26/99 Rm

Matrix *

 Soil
 Water
 Vapor
 Other Solid
 Other Liquid

| | | | |
|--------------------------------|---------------------------|----------------------------|----------------------------|
| Relinquished By [Signature] | Date/Time 5/25/99 5:12 | Received By [Signature] | Date/Time 5/25/99 5:42 |
| Relinquished By [Signature] | Date/Time 5/26/99 1330 | Received By Fed Ex | Date/Time |
| Relinquished By [Signature] | Date/Time | Received By [Signature] | Date/Time 5/27/99 06:30 |
| Relinquished By | Date/Time | Received By | Date/Time |

| | | | |
|--------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-68

Page 1 of 1

| | | | | | |
|--|--------------------------------|-----------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Steve Weiss | Telephone No. 3729531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | Field Logbook No. H06 LE | SAF No. B99-056 | | |
| Ice Chest No. ERC96-053 | Offsite Property No. | | Method of Shipment Fed Ex | | |
| Shipped To TMA/RECRA | | | Bill of Lading/Air Bill No. | | |

COA MEA1221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Special Handling and/or Storage

Volume

120g

F3

SAMPLE ANALYSIS

Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V9B4 | Other Solid | 4/20/99 | 1152 | X | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

SPECIAL INSTRUCTIONS

Matrix *

| | | | |
|--------------------------------|---------------------------|--------------------------|---------------------------|
| Relinquished By J. Linville | Date/Time 5/25/99 1550 | Received By R. Nelson | Date/Time 5/26/99 1550 |
| Relinquished By R. Nelson | Date/Time 5/26/99 1330 | Received By Fed Ex | Date/Time 5/27/99 0930 |
| Relinquished By Fed Ex | Date/Time | Received By Storlu | Date/Time |
| Relinquished By | Date/Time | Received By | Date/Time |

Samples stored in freezer at 3728
from date of collection until
shipment to lab. 5/26/99 RN

Soil
Water
Vapor
Other Solid
Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-69

Page 1 of 1

| | | | | | |
|--|--------------------------------|---------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | H06 LE | SAF No. B99-056 | | |
| Ice Chest No. ERC96-053 | Field Logbook No. | | Method of Shipment Fed Ex | | |
| Shipped To TMA/RECRA | Offsite Property No. | | Bill of Lading/Air Bill No. | | |

COA MEA1221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Special Handling and/or Storage

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

120g

I4

SAMPLE ANALYSIS

Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V9B5 | Other Solid | 4/20/99 | 1148 | X | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

SPECIAL INSTRUCTIONS

Matrix *

| | | | |
|--------------------------------|---------------------------|---------------------------|---------------------------|
| Relinquished By J. Linville | Date/Time 5/25/99 540 | Received By R. Nielsen | Date/Time 5/25/99 540 |
| Relinquished By R. Nielsen | Date/Time 5/26/99 1330 | Received By Fed Ex | Date/Time |
| Relinquished By Fed Ex | Date/Time | Received By John | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

Samples stored in freezer at 3728
from date of collection until
shipment to offsite lab.
5/26/99 RSN

Soil
Water
Vapor
Other Solid
Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

| J. Linville | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-70 | | Page 1 of 1 | | | | | |
|--|--|--|--|---|--|---|--|----------------------------|--|-----------------------|--|------------------------|--|
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | | | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | H06 LE | | SAF No. B99-056 | | Data Turnaround 45 Days | | | | | |
| Ice Chest No. ERC 96-053 | | Field Logbook No. | | | | Method of Shipment Fedex | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | | | | | |
| | | | | | | COA | | MEA 1221P40 | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | | | Preservation | | Frozen | | | | | | | |
| | | | | Type of Container | | aG | | | | | | | |
| | | | | No. of Container(s) | | 1 | | | | | | | |
| | | | | Volume | | 120g | | J1 | | | | | |
| Special Handling and/or Storage | | | | | | | | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs: 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | |
| | | | | | | | | | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | | | |
| B0V9B6 | | Other Solid | | 4/20/99 | | 1203 | | X | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RW | | | | | | | |
| | | Relinquished By J. Linville | | Date/Time 5/25/99 1530 | | | | | | Received By R. Nelson | | Date/Time 5/25/99 1530 | |
| | | Relinquished By R. Nelson | | Date/Time 5/26/99 1330 | | | | | | Received By Fedex | | Date/Time | |
| | | Relinquished By 2 edw | | Date/Time | | | | | | Received By Roden | | Date/Time 5/27/99 0930 | |
| | | Relinquished By | | Date/Time | | | | | | Received By | | Date/Time | |
| LABORATORY SECTION | | Received By | | | | Title | | | | | | | |
| | | | | | | Date/Time | | | | | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | | | Disposed By | | | | | | | |
| | | | | | | Date/Time | | | | | | | |

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-71

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| | | | | | |
|--|-------------------------------|-------------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Gene Weiss | Telephone No. 3729531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | H-06-LE | SAF No. B99-056 | | |
| Ice Chest No. ERC 96-053 | Field Logbook No. | Method of Shipment Fed. Ex | | | |
| Shipped To TMA/RECRA | Offsite Property No. | Bill of Lading/Air Bill No. | | | |

COA MEA1221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Special Handling and/or Storage

Volume

120g

J2

SAMPLE ANALYSIS

Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V9B7 | Other Solid | 4/20/99 | 1207 | X | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

| | | | |
|--------------------------------|---------------------------|---------------------------|---------------------------|
| Relinquished By J. Linville | Date/Time 5/25/99 1545 | Received By R. Nielson | Date/Time 5/25/99 |
| Relinquished By R. Nielson | Date/Time 5/26/99 1330 | Received By Fedex | Date/Time |
| Relinquished By Deel-ee | Date/Time | Received By Yodan | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

1545 Samples stored at 3728 in freezer from date of collection until shipment to offsite lab.
5/26/99 RJN

Matrix *

Soil
Water
Vapor
Other Solid
Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

| | | | | | |
|--|--------------------------------|---------------------------------------|----------------------------------|------------------|----------------------------|
| Collector <i>Ken Cano / J. Linville</i> | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | SAF No. B99-056 | | | |
| Ice Chest No. <i>ERC96-053</i> | Field Logbook No. | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | Offsite Property No. | Bill of Lading/Air Bill No. | | | |

COA MEA1221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

120mL

Special Handling and/or Storage

All samples are to be frozen prior to shipment to the lab.

SAMPLE ANALYSIS

Pest/PCBs -
B081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

BS

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V8B0 | Other Solid | 4/15/99 | 1354 | X | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

| | | | |
|---------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Relinquished By <i>J. Linville</i> | Date/Time <i>5/25/99 1530</i> | Received By <i>R. Nielson</i> | Date/Time <i>5/25/99 1530</i> |
| Relinquished By <i>R. Nielson</i> | Date/Time <i>5/25/99 1330</i> | Received By <i>Fedex</i> | Date/Time <i>5/25/99 0930</i> |
| Relinquished By <i>Fedex</i> | Date/Time <i>5/25/99 0930</i> | Received By <i>Todan</i> | Date/Time <i>5/27/99 0930</i> |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.

Samples stored in freezer at 3728-525199 at time of collection until shipment to lab.

Matrix *

Soil
Water
Vapor
Other Solid
Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-72

Page 1 of 1

| | | | | | |
|--|--------------------------------|------------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Steve Weiss | Telephone No. 3729531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | Field Logbook No. H 06 LE | SAF No. B99-056 | | |
| Ice Chest No. ERC96-053 | Field Logbook No. | | Method of Shipment Fed Ex. | | |
| Shipped To TMA/RECRA | Offsite Property No. | | Bill of Lading/Air Bill No. | | |

COA MEA1221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Special Handling and/or Storage

Volume

120g

J3

SAMPLE ANALYSIS

 Pest/PCBs:
 8081 (4,4'-
 DDD, 4,4'-
 DDE, 4,4'-
 DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V9B8 | Other Solid | 4/20/99 | 1209 | X | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

| | | | |
|--------------------------------|---------------------------|---------------------------|---------------------------|
| Relinquished By J. Linville | Date/Time 5/25/99 1543 | Received By R. Nielson | Date/Time 5/25/99 1513 |
| Relinquished By R. Nielson | Date/Time 5/26/99 1330 | Received By Fed Ex | Date/Time |
| Relinquished By Fed Ex | Date/Time | Received By J. Nielson | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

 Samples stored in freezer at 3728
 from date of collection until
 shipment to lab. 5/26/99 RNL

Matrix *

 Soil
 Water
 Vapor
 Other Solid
 Other Liquid

| | | | |
|--------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

| | | | | | | | | | |
|--|--|--|--|-------------------------------|--|-----------------------------------|--|---------------|--|
| BHL | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-73 | | Page 1 of 1 | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 3729531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location H-06-LE | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. ERC96-053 | | Field Logbook No. | | Method of Shipment Fed. Ex | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA | | MEA1221P40 | | | |

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|---------------------------------|---------------------------------|----------------|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Special Handling and/or Storage | Volume 120g | | | | | | | |

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|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V9B9 | Other Solid | 4/20/99 | 1212 | X | | | | | |
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|--------------------------------|---------------------------|---------------------------|----------------------|--|--|---|
| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | Matrix * |
| Relinquished By J. Linville | Date/Time 5/25/99 1540 | Received By R. Nielson | Date/Time 5/25/99 | Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99 RIN | | Soil Water Vapor Other Solid Other Liquid |
| Relinquished By R. Nielson | Date/Time 5/26/99 1330 | Received By Fed. Ex | Date/Time 5/26/99 | | | |
| Relinquished By Fed. Ex | Date/Time 5/27/99 0930 | Received By Fed. Ex | Date/Time 5/27/99 | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | |

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|--------------------------|-----------------|-------------|
| LABORATORY SECTION | Received By | Title |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By |

| | | | | | | | | | |
|--|--|---|--|---------------------------------------|--|---|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-30 | | Page 1 of 1 | |
| Collector <i>Ken Cano / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | 45 Days 330 | | | |
| Ice Chest No. <i>ERC06-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA | | <i>MEA1221P40</i> | | | |

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|--|---------------------|--------|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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|------------------------|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| BQV8B3 | Other Solid | 4/15/99 | 1344 | X | | | | | |
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|----------------------------|--|--|--|---|
| CHAIN OF POSSESSION | Sign/Print Names <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>Ken Cano</i> Date/Time <i>5/25/99 1530</i> </div> <div> Received By <i>R. Nielson</i> Date/Time <i>5/26/99 1530</i> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>R. Nielson</i> Date/Time <i>5/26/99 1330</i> </div> <div> Received By <i>Fed Ex</i> Date/Time <i>5/27/99 0930</i> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>2nd ex</i> Date/Time </div> <div> Received By Date/Time </div> </div> | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from time of collection until shipment to offsite lab. RNS/26/99</i> | Matrix * Soil Water Vapor Other Solid Other Liquid |
|----------------------------|--|--|--|---|

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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

| | | | | | | | | | | | |
|--|-------------|---|-------------|---|--|----------------------------------|--|--|----------|-----------|--|
| BECHTEL Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-29 | | Page 1 of 1 | | | |
| Collector <i>Ken Gano / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | 034 | | | | | |
| Ice Chest No. <i>BLC 96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | |
| | | | | COA <i>MEAD21P40</i> | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | | Frozen | | | | | |
| | | | | Type of Container | | aG | | | | | |
| | | | | No. of Container(s) | | 1 | | | | | |
| | | | | Volume | | 120mL | | B4 | | | |
| SAMPLE ANALYSIS | | | | Pea/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
| B0V8B2 | Other Solid | 4/15/99 | 1409 | X | | | | | | | |
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| | | | | | | | | | | | |
| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS | | | Matrix * | | |
| Relinquished By <i>[Signature]</i> | | Date/Time <i>5/25/99 1530</i> | | Received By <i>[Signature]</i> | | Date/Time <i>5/25/99 1530</i> | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from time of collection until shipment to offsite lab 5/26/99</i> | | | |
| Relinquished By <i>[Signature]</i> | | Date/Time <i>5/26/99</i> | | Received By <i>[Signature]</i> | | Date/Time <i>5/26/99</i> | | | | | |
| Relinquished By <i>[Signature]</i> | | Date/Time <i>5/27/99</i> | | Received By <i>[Signature]</i> | | Date/Time <i>5/27/99</i> | | | | | |
| Relinquished By <i>[Signature]</i> | | Date/Time <i>5/27/99</i> | | Received By <i>[Signature]</i> | | Date/Time <i>5/27/99</i> | | | | | |
| LABORATORY SECTION | | Received By | | | | Title | | | | Date/Time | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | | | Disposed By | | | | Date/Time | |

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|--|--|---|--|---------------------------------------|--|----------------------------------|--|--|--|
| Bechtel Hahlford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-28 | | Page 1 of 1 | |
| Collector <i>Ken Gans / J. Inuitte</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>BRC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEA1221P40</i> | | | | | |

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|--|---------------------|--------|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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|------------------------|--|--|-----------|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | PCB/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | <i>CY</i> | | | | | | |
|------------------------|--|--|-----------|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V8B1 | Other Solid | 4/15/99 | 1400 | X | | | | | |
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|-------------------------------------|----------------------------------|---------------------------------|---|---|
| CHAIN OF POSSESSION | Sign/Print Names | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | Matrix * Soil Water Vapor Other Solid Other Liquid |
| Relinquished By <i>Ken Gans</i> | Date/Time <i>5/25/99 1530</i> | Received By <i>R. Nelson</i> | Date/Time <i>5/25/99 1530</i> | <i>samples stored in freezer at 3728 from time of collection until shipment to offsite lab on 5/26/99</i> |
| Relinquished By <i>R. Nelson</i> | Date/Time <i>5/26/99</i> | Received By <i>Fedex</i> | Date/Time <i>5/26/99</i> | |
| Relinquished By <i>Deedee</i> | Date/Time <i>5/27/99</i> | Received By <i>Deedee</i> | Date/Time <i>0930</i> | |
| Relinquished By | Date/Time | Received By | Date/Time | |

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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|--|--|---|--|---------------------------------------|--|----------------------------------|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-57 | | Page 1 of 1 | |
| Collector <u>Linville</u> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area <u>Horseshoe</u> | | SAF No. B99-056 | | | | | |
| Ice Chest No. <u>BRC 96-053</u> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA RECREA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <u>MEA1221P40</u> | | | | | |

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|--|---------------------|--|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | |
| | Type of Container | aG | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | |
| | Volume | 500mL | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|
| B0V8F0 | Other Solid | 5/3/99 | 1446 | X | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | SPECIAL INSTRUCTIONS |
| Relinquished By <u>Trent S. Linville</u> | Date/Time <u>5/3/99 1544</u> | Received By <u>[Signature]</u> | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <u>Samples stored in freezer at 3728 from date of collection until shipment to lab RN 5/26/99 RN</u> |
| Relinquished By <u>[Signature]</u> | Date/Time <u>5/3/99 1330</u> | Received By <u>Fed Ex</u> | |
| Relinquished By <u>[Signature]</u> | Date/Time <u>5/27/99 0930</u> | Received By <u>[Signature]</u> | |
| Relinquished By <u>[Signature]</u> | Date/Time <u>5/26/99</u> | Received By <u>[Signature]</u> | |

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|---------------------------------|-----------------------|-------------------|-----------------|
| LABORATORY SECTION | Received By _____ | Title _____ | Date/Time _____ |
| FINAL SAMPLE DISPOSITION | Disposal Method _____ | Disposed By _____ | Date/Time _____ |

| POSSIBLE SAMPLE HAZARDS/REMARKS | | | | Preservation | Frozen | | | | | | | | | | | | |
|---|-------------|--------------|-------------|---------------------|--------|--|--|---|--|--|--|-----------|--|--|---|--|--|
| | | | | Type of Container | aG | | | | | | | | | | | | |
| | | | | No. of Container(s) | 1 | | | | | | | | | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Volume | 500mL | | | | | | | | | | | | |
| SAMPLE ANALYSIS | | | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | |
| OVF60 | Other Solid | 5/19/99 | 1400 | X | | | | | | | | | | | | | |
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| CHAIN OF POSSESSION | | | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from egg shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RJN | | | | | | | Matrix * Soil Water Vapor Other Solid Other Liquid | | |
| Acquired By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | |
| Jeri Limille | | 5/25/99 1515 | | R. Nelson | | 5/25/99 | | | | | | | | | | | |
| Acquired By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | |
| R. Nelson | | 5/26/99 1330 | | Fed Ex | | | | | | | | | | | | | |
| Acquired By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | |
| Jedi up | | | | Xorlu | | 5/27/99 0930 | | | | | | | | | | | |
| Acquired By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| LABORATORY SECTION | | | | Received By | | | | Title | | | | Date/Time | | | | | |
| NAL SAMPLE DISPOSITION | | | | Disposal Method | | | | Disposed By | | | | Date/Time | | | | | |

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|--|--|---|--|---------------------------|--|---------------------------------------|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-85 | | Page 1 of 1 | |
| Collector <i>Linville, Johnson</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | <i>H06LE cricket(1)</i> | | SAF No. B99-056 | | | |
| Ice Chest No. <i>EH96-053</i> | | Field Logbook No. | | | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | |
| | | | | | | COA <i>MEA1221P40</i> | | | |

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|--|---------------------|--------|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 500mL | | | | | | | |

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|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | |
|------------|-------------|-------------|-------------|----------|--|--|--|--|--|--|
| B0VF58 | Other Solid | 5/19/99 | 1330 | <i>Y</i> | | | | | | |
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|----------------------------|-------------------------|--------------------------|---------------------|--------------|--|--|--|--|-----------------|--|
| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99. RN</i> | | | | Matrix * | |
| Relinquished By | Date/Time | Received By | Date/Time | Soil | | | | | | |
| <i>Quintanilla</i> | <i>5/25/99 1515</i> | <i>Robert R. Nielson</i> | <i>5/26/99 1330</i> | Water | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | Vapor | | | | | | |
| <i>Robert R. Nielson</i> | <i>5/26/99 1330</i> | <i>Fed 44</i> | | Other Solid | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | Other Liquid | | | | | | |
| <i>Fed 44</i> | | <i>Storck</i> | <i>5/27/99 0930</i> | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

B99-056-75

Page 1 of 1

| | | | | | |
|--|--------------------------------|----------------------------|----------------------------------|------------------|----------------------------|
| Collector J. Linville | Company Contact Steve Weiss | Telephone No. 3729531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location GOD Area | Field Logbook No. H06LE | SAF No. B99-056 | | |
| Ice Chest No. ERC96-053 | Offsite Property No. | | Method of Shipment Fed Ex | | |
| Shipped To TMA/RECRA | | | Bill of Lading/Air Bill No. | | |

COA

MDA1221P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Special Handling and/or Storage

Volume

120g

K2

SAMPLE ANALYSIS

 Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 80V9C1 | Other Solid | 4/20/99 | 1222 | X | | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

| | | | |
|------------------------------|---------------------------|--------------------------|---------------------------|
| Relinquished By K. J. Lee | Date/Time 5/25/99 1540 | Received By R. Nelson | Date/Time 5/25/99 1540 |
| Relinquished By R. Nelson | Date/Time 5/26/99 1330 | Received By Fed. Ex | Date/Time |
| Relinquished By Fed. Ex | Date/Time | Received By J. Lee | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

 Samples stored in freezer at 3728
 from dated collection until
 Shipment to lab. 5/26/99 RN

Matrix *

 Soil
 Water
 Vapor
 Other Solid
 Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

| | | | | | | | |
|--|--|---|--|---------------------------------------|--|--|--------------------|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-31 | Page 1 of 1 |
| Collector <i>Ken Gano / J. Inville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Price Code 9N Data Turnaround 45 Days | |
| Ice Chest No. <i>ERC 96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | |

COA *MEA 221P40*

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|--|---------------------|--------|--|--|--|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | | | |
| | Type of Container | aG | | | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | | | |

| SAMPLE ANALYSIS | | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | | | | |
|-----------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
| B0V8B4 | Other Solid | 4/15/99 | 1404 | X | | | | | | | | | | | | | | | |
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|-------------------------------------|----------------------------------|---------------------------------|----------------------------------|---|--|---|--|
| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | Matrix * | |
| Relinquished By <i>Ken Gano</i> | Date/Time <i>5/25/99 1530</i> | Received By <i>R. Nelson</i> | Date/Time <i>5/25/99 1530</i> | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 378 from time of collection until shipment to offsite lab. RWS/6/99</i> | | Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By <i>R. Nelson</i> | Date/Time <i>5-26-99 1330</i> | Received By <i>Fed Ex</i> | Date/Time | | | | |
| Relinquished By <i>2ed ex</i> | Date/Time | Received By <i>Stodur</i> | Date/Time <i>5/27/99 0930</i> | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | |

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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

040

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|--|--|---|--|---------------------------------------|--|----------------------------------|--|---|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-32 | | Page 1 of 1 | |
| Collector <i>J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area <i>Horseshoe</i> | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | | | COA <i>MEA122P40</i> | | | |

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|--|---------------------|---|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| BOV8B5 | Other Solid | 4/21/99 | 10:56 | X | | | | | |
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|----------------------------|--|---|---|
| CHAIN OF POSSESSION | Sign/Print Names Relinquished By <i>[Signature]</i> Date/Time <i>5/25/99 1530</i> Relinquished By <i>[Signature]</i> Date/Time <i>5/26/99</i> Relinquished By <i>[Signature]</i> Date/Time <i>5/27/99 0930</i> Relinquished By _____ Date/Time _____ | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. RN 5/26/99</i> | Matrix * Soil Water Vapor Other Solid Other Liquid |
|----------------------------|--|---|---|

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|---------------------------------|-------------------------------|-----------------------------------|
| LABORATORY SECTION | Received By _____ Title _____ | Date/Time _____ |
| FINAL SAMPLE DISPOSITION | Disposal Method _____ | Disposed By _____ Date/Time _____ |

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|--|--|---|--|--|--|----------------------------------|------------|----------------------|-------------|---|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | | B99-056-33 | | Page 1 of 1 | | | | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | | Data Turnaround 45 Days | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area Horseshoe | | SAF No. B99-056 | | | | | | | | | |
| Ice Chest No. ERC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | | | |
| | | | | COA MEA1221PVU | | | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | | Frozen | | | | | | | |
| | | | | Type of Container | | aG | | | | | | | |
| | | | | No. of Container(s) | | 1 | | | | | | | |
| | | | | Volume | | 120mL | | | | A3 | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | | | |
| B0V8B6 | | Other Solid | | 4/21/99 | | 11:04 | | X | | | | | |
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| | | | | | | | | | | | | | |
| CHAIN OF POSSESSION | | Sign/Print Names | | | | | | | | | | | |
| | | Relinquished By | | Date/Time | | Received By | | Date/Time | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99. | | Matrix * Soil Water Vapor Other Solid Other Liquid | |
| | | <i>David K. York</i> | | 5/25/99 1530 | | <i>R. Nelson</i> | | 5/25/99 | | | | | |
| | | <i>R. Nelson</i> | | 5/26/99 1330 | | <i>Fed Ex</i> | | | | | | | |
| | | <i>Red-ue</i> | | | | <i>Timber</i> | | 5/27/99 0930 | | | | | |
| | | | | | | | | | | | | | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | | | | | |
| | | FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | Date/Time | | | | | |

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|--|--|---|--|---------------------------------------|--|-----------------------------------|--|----------------------|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-34 | | Page 1 of 1 | |
| Collector <u>J. Inulle</u> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area <u>Horseshoe</u> | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. <u>ERC96-053</u> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/ECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <u>MEA1221P40</u> | | | | | |

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|--|---------------------|--------|--|--|--|--|--|--|-----------|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | C1 |

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|------------------------|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V8B7 | Other Solid | 4/21/99 | 11:21 | X | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names Relinquished By <u>Debra K. Ziel</u> Date/Time <u>5/25/99 1530</u> Received By <u>R. Nelson</u> Date/Time <u>5/25/99 1530</u> Relinquished By <u>R. Nelson</u> Date/Time <u>5-26-99</u> Received By <u>Fed. Exp</u> Date/Time <u> </u> Relinquished By <u>Debra</u> Date/Time <u> </u> Received By <u>Jordan</u> Date/Time <u>5/27/99 0930</u> Relinquished By <u> </u> Date/Time <u> </u> Received By <u> </u> Date/Time <u> </u> | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <u>samples stored in freezer at 3728 from date of collection until shipment to offsite lab. RUN 5/26/99</u> | Matrix * Soil Water Vapor Other Solid Other Liquid |
|----------------------------|---|--|--|

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| LABORATORY SECTION | Received By <u> </u> Title <u> </u> Date/Time <u> </u> | |
| FINAL SAMPLE DISPOSITION | Disposal Method <u> </u> | Disposed By <u> </u> Date/Time <u> </u> |

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|--|--|---|--|---------------------------------------|--|------------------------------------|--|---------------|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-35 | | Page 1 of 1 | |
| Collector <i>Ken Gano, Jennifer Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEA1221P40</i> | | | | | |

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|--|---------------------|--|--|--|--|--|--|-----------|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | <i>C5</i> | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| BOV8B8 | Other Solid | 4/15/99 | 1341 | X | | | | | |
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|---|--|--|
| CHAIN OF POSSESSION | Sign/Print Names Relinquished By <i>[Signature]</i> Date/Time <i>1530</i> Relinquished By <i>[Signature]</i> Date/Time <i>1330</i> Relinquished By <i>[Signature]</i> Date/Time <i>0930</i> Relinquished By <i>[Signature]</i> Date/Time <i>0930</i> | Received By <i>[Signature]</i> Date/Time <i>1530</i> Received By <i>[Signature]</i> Date/Time <i>1330</i> Received By <i>[Signature]</i> Date/Time <i>0930</i> Received By <i>[Signature]</i> Date/Time <i>0930</i> |
| SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | | Matrix * Soil Water Vapor Other Solid Other Liquid |
| <i>Samples stored in freezer at 3728 from time of collection until shipment to offsite lab. RIN 5/26/99</i> | | |

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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|--|--|---|--|---------------------------|--|---------------------------------------|--|----------------------|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-37 | | Page 1 of 1 | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | PSN-90 | | SAF No. B99-056 | | 45 Days | |
| Ice Chest No. ERC96-053 | | Field Logbook No. | | | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | |
| | | | | | | COA MEA 22 1990 | | | |

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|--|---------------------|--------|--|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | |
| | Type of Container | aG | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | |

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|------------------------|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | Pes/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | | | |
|------------------------|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V8C0 | Other Solid | 4/20/99 | 9:17a | X | | | | | | | | | | | | | |
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|---------------------------------------|---------------------------|-----------------------------------|---------------------------|---|---|--|--|--|-----------------|--|
| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. RN 5/26/99 | | | | Matrix * | |
| Relinquished By <i>[Signature]</i> | Date/Time 5/25/99 1540 | Received By <i>[Signature]</i> | Date/Time 5/25/99 1540 | Soil Water Vapor Other Solid Other Liquid | | | | | | |
| Relinquished By <i>[Signature]</i> | Date/Time 5/26/99 1330 | Received By <i>[Signature]</i> | Date/Time 5/26/99 1330 | | | | | | | |
| Relinquished By <i>[Signature]</i> | Date/Time 5/26/99 1330 | Received By <i>[Signature]</i> | Date/Time 5/26/99 1330 | | | | | | | |
| Relinquished By <i>[Signature]</i> | Date/Time 5/26/99 1330 | Received By <i>[Signature]</i> | Date/Time 5/26/99 1330 | | | | | | | |

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|---------------------------------|-----------------------------------|-----------------|---------------|
| LABORATORY SECTION | Received By <i>[Signature]</i> | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|---|--|--|--|--|--|----------------------------------|--|----------------------------|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-38 | | Page 1 of 1 | |
| Collector | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | PSN-90 | | SAF No. B99-056 | | Data Turnaround 45 Days | |
| Ice Chest No. ERC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA | | MEA1221P40 | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | Preservation | | Frozen | | | | | |
| | | Type of Container | | aG | | | | | |
| | | No. of Container(s) | | 1 | | | | | |
| | | Volume | | 120mL | | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | D2 | |
| SAMPLE ANALYSIS | | | | | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | |
| B0V8C1 | | Other Solid | | 4/20/99 | | 0933 | | X | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | Matrix * | | | |
| Relinquished By K. Y. 5/25/99 1545 | | Received By R. Nelson 5/25/99 1545 | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | | Soil | | | |
| Relinquished By R. Nelson 5/26/99 | | Received By Fed 5/26/99 | | Samples stored in freezer at 3728 | | Water | | | |
| Relinquished By Jed 5/27/99 | | Received By Jed 5/27/99 0930 | | From date of collection until shipment to offsite lab RN 5/26/99 | | Vapor | | | |
| Relinquished By | | Received By | | | | Other Solid | | | |
| | | | | | | Other Liquid | | | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | Date/Time | | | |

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|--|--|--|--|---------------------------|--|---------------------------------------|--|-----------------------------------|--|
| Béchtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-39 | | Page 1 of 1 | |
| Collector <i>Ken Gans / J. Ymille</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | PSN-90 | | SAF No. B99-056 | | Data Turnaround 45 Days | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | |
| | | | | | | COA <i>MEAL22 LP40</i> | | | |

| | | | | | | | | | |
|--|---------------------|---|--|----|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | Pesu/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | | D3 | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V8C2 | Other Solid | 4/20/99 | 0934 | X | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | SPECIAL INSTRUCTIONS | Matrix * |
| Relinquished By <i>Ken Gans</i> | Date/Time <i>5/26/99</i> | Received By <i>R. Nielson</i> | Date/Time <i>5/25/99</i> | Soil Water Vapor Other Solid Other Liquid |
| Relinquished By <i>R. Nielson</i> | Date/Time <i>5/26/99</i> | Received By <i>Fred Cup</i> | Date/Time <i>5/26/99</i> | |
| Relinquished By <i>Jed Lee</i> | Date/Time <i>5/27/99</i> | Received By <i>John</i> | Date/Time <i>5/27/99 0930</i> | |
| Relinquished By | Date/Time | Received By | Date/Time | |

SPECIAL INSTRUCTIONS
 Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.
Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. RN 5/26/99

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| LABORATORY SECTION | Received By | Title | Date/Time |
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| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |
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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-40 | | Page 1 of 1 | | | |
| Collector <i>Ken Gano / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days ⁰⁸ ₄₀ | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | PSN-90 | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | | | |
| | | | | | | COA <i>MEB1221P40</i> | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | Frozen | | | | | | |
| | | | | Type of Container | aG | | | | | | |
| | | | | No. of Container(s) | 1 | | | | | | |
| | | | | Volume | 120mL | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | E1 | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
| BOV8C3 | Other Solid | 4/20/99 | 0918 | X | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS | | | Matrix * | | |
| Relinquished By <i>Ken Gano</i> | | Date/Time 5/25/99 | | Received By <i>R. Nelson</i> | | Date/Time 5/25/99 | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RN</i> | | | |
| Relinquished By <i>R. Nelson</i> | | Date/Time 5/26/99 | | Received By <i>Fed</i> | | Date/Time | | | | | |
| Relinquished By <i>Fed</i> | | Date/Time | | Received By <i>Nelson</i> | | Date/Time 5/27/99 0930 | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | |
| LABORATORY SECTION | | Received By | | | | Title | | | | Date/Time | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | | | Disposed By | | | | Date/Time | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-41 | | Page 1 of 1 | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area PSN-90 | | SAF No. B99-056 | | | | | |
| Ice Chest No. 42C96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA MEA 1221P40 | | | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | | |
| | Type of Container | 2G | | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | X | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|
| B0V8C4 | Other Solid | 4/20/99 | 0930 | X | | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | Matrix * |
| Relinquished By | Date/Time | Received By | Date/Time | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 EN | | Soil Water Vapor Other Solid Other Liquid |
| <i>Debra K. Field</i> | 5/25/99 1546 | <i>R. Nielson</i> | 5/25/99 | | | |
| <i>R. Nielson</i> | 5/26/99 1330 | <i>FedEx</i> | | | | |
| <i>FedEx</i> | | <i>Steven</i> | 5/27/99 0930 | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Beutner Mariopa Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-42 | | Page 1 of 1 | | | | | | | | | |
| Collector <i>Ken Gans / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | | | | | | | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area PSN-90 | | SAF No. B99-056 | | | | | | | | | | | | | |
| Ice Chest No. ERC 96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | | | | | | | |
| | | | | COA MEA1221P40 | | | | | | | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | | Frozen | | | | | | | | | | | |
| | | | | Type of Container | | aG | | | | | | | | | | | |
| | | | | No. of Container(s) | | 1 | | | | | | | | | | | |
| | | | | Volume | | 120mL | | | | | | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | E3 | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | | | | | | | |
| B0V8C5 | | Other Solid | | 4/20/99 | | 0939 | | | | | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | | | | | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 PSN</i> | | Matrix * Soil Water Vapor Other Solid Other Liquid | | | |
| | | Relinquished By <i>John K. Zille</i> | | Date/Time 5/25/99 1544 | | Received By <i>R. Nielsen</i> | | Date/Time 5/25/99 1544 | | | | | | | | | |
| | | Relinquished By <i>R. Nielsen</i> | | Date/Time 5-26-99 1330 | | Received By <i>Fed Ex</i> | | Date/Time | | | | | | | | | |
| | | Relinquished By <i>Deedee</i> | | Date/Time | | Received By <i>Proder</i> | | Date/Time 5/27/99 0930 | | | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | |
| LABORATORY SECTION | | Received By | | | | | | | | | | Title | | Date/Time | | | |
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| FINAL SAMPLE DISPOSITION | | Disposal Method | | | | | | | | | | Disposed By | | Date/Time | | | |
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| Béchtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-43 | | Page 1 of 1 | |
| Collector <i>Ken Gano / J. Unville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area PSN-90 | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>GRC 96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA MEA 122 1P40 | | | | | |

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|--|---------------------|--|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | |
| | Type of Container | aG | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | |
| | Volume | 120mL | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|
| B0V8C6 | Other Solid | 4/20/99 | 0922 | X | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | Matrix * Soil Water Vapor Other Solid Other Liquid |
| Relinquished By | Date/Time | Received By | Date/Time | <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RSN</i> |
| <i>Keith K. Lile</i> | 5/25/99 1543 | <i>Steve Weiss</i> | 5/25/99 1503 | |
| <i>Steve Weiss</i> | 5/26/99 1330 | <i>Fred</i> | | |
| <i>Fred</i> | | <i>John</i> | 5/27/99 0930 | |
| Relinquished By | Date/Time | Received By | Date/Time | |
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| LABORATORY SECTION | Received By | Title | Date/Time |
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| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |
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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-44 | | Page 1 of 1 | |
| Collector <u>J. Linville</u> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area PSN-90 | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. <u>ERC96-053</u> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To <u>TMA/RECRA</u> | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | | | COA <u>MEA 122/P40</u> | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | |
| | Type of Container: | aG | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | |
| SAMPLE ANALYSIS | | Pes/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|
| B0V8C7 | Other Solid | 4/20/99 | 0928 | X | | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names Relinquished By <u>[Signature]</u> Date/Time <u>5/25/99 1541</u> Relinquished By <u>[Signature]</u> Date/Time <u>5/26/99 1330</u> Relinquished By <u>[Signature]</u> Date/Time <u>5/27/99 0930</u> Relinquished By <u>[Signature]</u> Date/Time <u>5/27/99 0930</u> | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <u>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RN</u> | Matrix * Soil Water Vapor Other Solid Other Liquid |
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| LABORATORY SECTION | Received By _____ Title _____ | Date/Time _____ |
| FINAL SAMPLE DISPOSITION | Disposal Method _____ | Disposed By _____ Date/Time _____ |

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| Bechtel Hahlford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-45 | | Page 1 of 1 | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | PSN-90 | | SAF No. B99-056 | | Data Turnaround 45 Days | |
| Ice Chest No. ERC 96-053 | | Field Logbook No. | | | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | |
| | | | | | | COA MEA1221P40 | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | |
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| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| BOV8C8 | Other Solid | 4/20/99 | 0940 | X | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS | Matrix * |
| Relinquished By <i>[Signature]</i> | Date/Time 5/26/99 15:15 | Received By <i>[Signature]</i> | Date/Time 5/26/99 15:15 | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RIN | Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By <i>[Signature]</i> | Date/Time 5-26-99 1330 | Received By <i>[Signature]</i> | Date/Time | | | |
| Relinquished By <i>[Signature]</i> | Date/Time | Received By <i>[Signature]</i> | Date/Time | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Béchtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-46 | | Page 1 of 1 | |
| Collector <i>Ken Gans/J. Lindville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | <i>PSN-01</i> | | SAF No. B99-056 | | Data Turnaround 45 Days | |
| Ice Chest No. <i>9RC96-053</i> | | Field Logbook No. | | | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | |
| | | | | | | COA <i>MEA122 1A10</i> | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V8C9 | Other Solid | 4/20/99 | 1027 | V | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | Matrix * Soil Water Vapor Other Solid Other Liquid |
| Relinquished By <i>Ken Gans</i> | Date/Time <i>5/25/99 1516</i> | Received By <i>F. Nielson</i> | Date/Time <i>5/25/99 1530</i> |
| Relinquished By <i>F. Nielson</i> | Date/Time <i>5/26/99 1330</i> | Received By <i>Fed Ex</i> | Date/Time <i>5/26/99 0930</i> |
| Relinquished By <i>Greenwell</i> | Date/Time <i>5/27/99</i> | Received By <i>Nielson</i> | Date/Time <i>5/27/99 0930</i> |
| Relinquished By | Date/Time | Received By | Date/Time |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-50 | | Page 1 of 1 | | | |
| Collector <i>Ken Gans / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | H-06-LE | | SAF No. B99-056 | | 45 Days | | | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | COA MEA 1221P40 | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | Frozen | | | | | | |
| | | | | Type of Container | nG | | | | | | |
| | | | | No. of Container(s) | 1 | | | | | | |
| | | | | Volume | 120mL | | | | | H2 | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
| B0V8D3 | Other Solid | 4/20/99 | 1139 | X | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RIN</i> | | | Matrix * Soil Water Vapor Other Solid Other Liquid | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | | |
| <i>R. Nelson</i> | <i>5/25/99 550</i> | <i>R. Nelson</i> | <i>5/26/99</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | | |
| <i>Feelce</i> | <i>5/26/99</i> | <i>Feelce</i> | <i>5/27/99 0930</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | | |
| LABORATORY SECTION | | Received By | | | | Title | | | | Date/Time | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | | | Disposed By | | | | Date/Time | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-01 | | Page 1 of 1 | |
| Collector Ken Gano, Jenifer Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. ARC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA | | MBA1221PVO | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | Preservation | | Frozen | | | | | |
| | | Type of Container | | aG | | | | | |
| | | No. of Container(s) | | 1 | | | | | |
| | | Volume | | 120mL | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | trap ID ZA1 | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | |
| B0V874 | | Other Solid | | 4/15/99 | | 10:53a | | ✓ | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | | | Matrix * | |
| Relinquished By Jenifer Linville 5/26/99 1530 | | Received By R. Nelson 5/25/99 | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | | | | Soil | |
| Relinquished By R. Nelson 5/26/99 1330 | | Received By Fred Gano | | Samples stored in freezer at 3728 | | | | Water | |
| Relinquished By Fred Gano | | Received By J. Gano 5/27/99 0930 | | from date of collection until | | | | Vapor | |
| Relinquished By | | Received By | | shipment to offsite lab. 5/26/99 RJN | | | | Other Solid | |
| Relinquished By | | Received By | | | | | | Other Liquid | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | Date/Time | | | |

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|--|-------------|---|--|---------------------------------------|--|-----------------------------------|--|---|--|----------|--|---|--|
| DECEMBER 1999 | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-02 | | Page 1 of 1 | | | | | |
| Collector <i>Ken Gano, Jennifer Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | | | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | | | | | |
| Ice Chest No. <i>GPC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | | | |
| | | | | COA <i>MEBA1221P40</i> | | | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | Preservation | Frozen | | | | | | | | | |
| | | | Type of Container | aG | | | | | | | | | |
| | | | No. of Container(s) | 1 | | | | | | | | | |
| | | | Volume | 120mL | | | | | | | | | |
| SAMPLE ANALYSIS | | | Pes/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | | | | | ZAZ | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | |
| BOV875 | Other Solid | 4/15/99 | 10:58 a | X | | | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS | | | | Matrix * | | | |
| Relinquished By <i>[Signature]</i> | | Date/Time <i>5/25/99 530</i> | | Received By <i>[Signature]</i> | | Date/Time <i>5/25/99</i> | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab RN 5/26/99</i> | | | | Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By <i>[Signature]</i> | | Date/Time <i>5/26/99</i> | | Received By <i>Fed Ex</i> | | Date/Time | | | | | | | |
| Relinquished By <i>[Signature]</i> | | Date/Time | | Received By <i>[Signature]</i> | | Date/Time | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | | | |
| LABORATORY SECTION | | Received By | | Title | | | | Date/Time | | | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | | | Date/Time | | | | | |

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|--|--------------------------------|---------------------------------------|----------------------------------|------------------|----------------------------|
| Collector <i>Ken Cano / J. Grunille</i> | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | SAF No. B99-056 | | | |
| Ice Chest No. <i>ERC96-053</i> | Field Logbook No. | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | Offsite Property No. | Bill of Lading/Air Bill No. | | | |

COA

MEA 1221 P40

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

120mL

7B2

Special Handling and/or Storage

All samples are to be frozen prior to shipment to the lab.

SAMPLE ANALYSIS

Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| BOV876 | Other Solid | 4/15/99 | 11:09a | X | | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

| | | | |
|---|---------------------------|----------------------------------|---------------------------|
| Relinquished By <i>G. K. J. 5/23/99 1530</i> | Date/Time 5/23/99 1530 | Received By <i>R. Nielson</i> | Date/Time 5/23/99 1530 |
| Relinquished By <i>R. Nielson</i> | Date/Time 5/26/99 1330 | Received By <i>Fed Ex</i> | Date/Time 5/26/99 1330 |
| Relinquished By <i>Deelce</i> | Date/Time 5/27/99 0930 | Received By <i>Stark</i> | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.

Samples stored in freezer at 3728 from date of collection until shipment to White Lab. 5/26/99 RIN

Matrix *

Soil
Water
Vapor
Other Solid
Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

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|--|--|---|--|---------------------------------------|--|----------------------------------|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-04 | | Page 1 of 1 | |
| Collector <i>Ken Gans J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>ERC 96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEAN221000</i> | | | | | |

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|--|---------------------|---|--|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | |
| | Type of Container | aG | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) <div style="text-align: right; font-size: 1.5em;"><i>zc3</i></div> | | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
|------------|-------------|-------------|-------------|----------|--|--|--|--|--|--|--|
| B0V877 | Other Solid | 4/15/99 | 11:30a | <i>M</i> | | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 KJN</i> | | | | Matrix * Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <i>Ken Gans</i> | <i>5/25/99 1530</i> | <i>R. Nielson</i> | <i>5/25/99 1530</i> | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <i>R. Nielson</i> | <i>5-26-99 1330</i> | <i>Fred Guy</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <i>Fred Guy</i> | | <i>Fred Guy</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-05 | | Page 1 of 1 | |
| Collector <i>Ken Gans / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>92C96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEA 1221P40</i> | | | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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| SAMPLE ANALYSIS <i>0704.15-99</i> | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
| B0V878 | Other Solid | 4/14/99 | 11:02 | X | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | | Matrix * |
| Relinquished By <i>John E. Zille</i> | Date/Time 5/25/99 1546 | Received By <i>R. Nelson</i> | Date/Time 5/27/99 1530 | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 372K from date of collection until shipment to offsite lab. 5/26/99 R.W.</i> | | | Soil Water Vapor Other Solid Other Liquid |
| Relinquished By <i>R. Nelson</i> | Date/Time 5/27/99 1330 | Received By <i>Fred G.</i> | Date/Time | | | | |
| Relinquished By <i>Ed Lee</i> | Date/Time | Received By <i>Steven</i> | Date/Time 5/27/99 0930 | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | | B99-056-06 | | Page 1 of 1 | | |
| Collector <i>Ken Sans / J. Unville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | | Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | | | |
| Ice Chest No. <i>ERC 96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | |
| Shipped For TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | |
| | | | | | | COA <i>MEA-1221P40</i> | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | | Frozen | | | | | |
| | | | | Type of Container | | aG | | | | | |
| | | | | No. of Container(s) | | 1 | | | | | |
| | | | | Volume | | 120mL | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | | ZB1 | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | |
| B0V879 | | Other Solid | | 4/15/99 | | 11:16a | | X | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names Relinquished By <i>K. Lier</i> Date/Time <i>5/25/99</i> Relinquished By <i>Cheryl Nelson</i> Date/Time <i>5-26-99</i> Relinquished By <i>Jed-ell</i> Date/Time _____ Relinquished By _____ Date/Time _____ Received By <i>R. Nielsen</i> Date/Time <i>5/25/99</i> Received By <i>Fed Ex</i> Date/Time _____ Received By <i>Joder</i> Date/Time <i>5/27/99 0930</i> Received By _____ Date/Time _____ | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 0728 from date of collection until shipment to offsite lab. 5/26/99 RJN</i> | | | | Matrix * Soil Water Vapor Other Solid Other Liquid | |
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| LABORATORY SECTION | | Received By _____ Title _____ | | | | Date/Time _____ | | | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method _____ | | | | Disposed By _____ Date/Time _____ | | | | | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-07 | | Page 1 of 1 | |
| Collector <i>Ken Gano / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To: TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MA1221P90</i> | | | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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|------------------------|-------------|-------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
| B0V880 | Other Solid | 4/15/99 | 11:06 a | y | | | | | | | | | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS | | | | Matrix * | |
| Relinquished By | Date/Time | Received By | Date/Time | Received By | Date/Time | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from time of collection until shipment to offsite lab. 5/26/99 Ron</i> | | | | Soil Water Vapor Other Solid Other Liquid | |
| <i>Deborah K. Yields</i> | <i>5/25/99 1530</i> | <i>R. Nielsen</i> | <i>5/25/99 1530</i> | <i>R. Nielsen</i> | <i>5/25/99 1530</i> | | | | | | |
| <i>R. Nielsen</i> | <i>5/26/99 1330</i> | <i>Fed Ex</i> | | | | | | | | | |
| <i>Deed up</i> | | <i>Soder</i> | <i>5/27/99 0930</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | Received By | Date/Time | | | | | | |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-08 | | Page 1 of 1 | |
| Collector <u>J. Inville</u> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area <u>Horseshoe DH4</u> | | SAF No. B99-056 | | | | | |
| Ice Chest No. <u>ERL94-053</u> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped For TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <u>MEAD21P40</u> | | | | | |

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|--|---------------------|--------|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | |
| | Type of Container | aG | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | |
| | Volume | 120mL | | | | | | | | |

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|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V881 | Other Solid | 4/15/99 | 13:51 P | X | | | | | | | | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <u>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RJN</u> | | | | Matrix * Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <u>Devin K. Y. Liu</u> | 5/25/99 1530 | <u>R. Nielson</u> | 5/25/99 1530 | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <u>R. Nielson</u> | 5/26/99 1330 | <u>Fed Ex</u> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <u>Red see</u> | | <u>Xiodu</u> | 5/27/99 0930 | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-09 | | Page 1 of 1 | |
| Collector <i>Ken Gano, Jennifer Umilt</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator Trent, SJ | | Price Code 9N Data Turnaround | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | 45 Days | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA | | <i>MEAD221040</i> | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | |
| | Type of Container | aG | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | |
| | Volume | 120mL | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|
| B0V882 | Other Solid | 4/15/99 | 11:55 a | X | | | | | | |
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|----------------------------|---|---|---|
| CHAIN OF POSSESSION | Sign/Print Names <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>Quik Kylo</i> Relinquished By <i>R. Nelson</i> Relinquished By <i>Fed Ex</i> Relinquished By </div> <div> Received By <i>R. Nelson</i> Received By <i>Fed Ex</i> Received By <i>R. Nelson</i> Received By </div> <div> Date/Time <i>5/25/99 1530</i> Date/Time <i>5/25/99</i> Date/Time Date/Time </div> </div> | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RN</i> | Matrix * Soil Water Vapor Other Solid Other Liquid |
|----------------------------|---|---|---|

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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|--|--------------------------------|---------------------------|---------------------------------------|------------------|----------------------------|
| Collector <i>Ken Gano / J. Linville</i> | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | | SAF No. B99-056 | | |
| Ice Chest No. <i>GRE94-053</i> | Field Logbook No. | | Method of Shipment Federal Express | | |
| Shipped To TMA/RECRA | Offsite Property No. | | Bill of Lading/Air Bill No. | | |

COA *MEA1221P40*

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

120mL

Special Handling and/or Storage

All samples are to be frozen prior to shipment to the lab.

SAMPLE ANALYSIS

Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)*EE1*

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V883 | Other Solid | 4/15/99 | 11:46 a | X | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

SPECIAL INSTRUCTIONS

Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.

Matrix *

Soil
Water
Vapor
Other Solid
Other Liquid

| | | | |
|-------------------------------------|----------------------|---------------------------------|---------------------------|
| Relinquished By <i>Ken Gano</i> | Date/Time 5/25/99 | Received By <i>R. Nelson</i> | Date/Time 5/25/99 |
| Relinquished By <i>R. Nelson</i> | Date/Time 5/26/99 | Received By <i>Fed Ex</i> | Date/Time |
| Relinquished By <i>Fed Ex</i> | Date/Time | Received By <i>Stou</i> | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RN

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-11 | | Page 1 of 1 | |
| Collector <i>Ken Gano / J. Inouille</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>92C96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEA 1221 P40</i> | | | | | |

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|--|---------------------|--|--|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | |
| | Type of Container | aG | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|
| B0V884 | Other Solid | 4/15/99 | 11:37a | X | | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. |
| Relinquished By <i>Ken Gano</i> | Date/Time 5/25/99 1530 | Received By <i>R. Nielson</i> | Date/Time 5/25/99 1530 |
| Relinquished By <i>R. Nielson</i> | Date/Time 5/26/99 | Received By <i>Fed up</i> | Date/Time |
| Relinquished By <i>Zeeder</i> | Date/Time | Received By <i>T. Oden</i> | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|--|--|---|--|---------------------------------------|--|----------------------------------|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-12 | | Page 1 of 1 | |
| Collector <i>Ken Cano, Jenifer Unrille</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>ERC 96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | | | COA <i>MEA 1221P40</i> | | | |

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|--|---------------------|--------|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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|------------------------|-------------|-------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | |
| BOV885 | Other Solid | 4/15/99 | 11:52 | X | | | | | | | | | | | | | | |
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|----------------------------|----------------------|----------------------|----------------------|--|---|--|--|--|--|--|
| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RN</i> | | | | Matrix * Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <i>Jeff K. Lee</i> | <i>5/25/99 15:50</i> | <i>R. Nielson</i> | <i>5/25/99 15:30</i> | | | | | | | |
| <i>Jeff K. Lee</i> | <i>5/26/99 13:30</i> | <i>Fed Ex</i> | | | | | | | | |
| <i>Jeff K. Lee</i> | <i>5/26/99</i> | <i>Fed Ex</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
| <i>Jeff K. Lee</i> | | <i>5/27/99 09:30</i> | | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | | |
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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|--|--------------------------------|---------------------------------------|----------------------------------|------------------|----------------------------|
| Collector <i>Ken Gano, Jennifer Umille</i> | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | SAF No. B99-056 | | | |
| Ice Chest No. <i>ERC96-053</i> | Field Logbook No. | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | Offsite Property No. | Bill of Lading/Air Bill No. | | | |

COA *MEA122IP40*

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

120mL

Special Handling and/or Storage

All samples are to be frozen prior to shipment to the lab.

SAMPLE ANALYSIS

Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)*B1*

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| B0V888 | Other Solid | 4/15/99 | 1:10 PM | X | | | | | | | | | | | | | | | |
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CHAIN OF POSSESSION

Sign/Print Names

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|---|----------------------|---------------------------------|---------------------------|
| Relinquished By <i>Debra K. Lill</i> | Date/Time 5/25/99 | Received By <i>R. Nelson</i> | Date/Time 5/25/99 |
| Relinquished By <i>R. Nelson</i> | Date/Time 5/26/99 | Received By <i>Felix</i> | Date/Time |
| Relinquished By <i>Felix</i> | Date/Time | Received By <i>Stoder</i> | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.

Samples stored in freezer at 3728 from date of collection until shipment to offsite lab 5/26/99 RJN

Matrix *

Soil
Water
Vapor
Other Solid
Other Liquid

LABORATORY SECTION

Received By

Title

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method

Disposed By

Date/Time

| | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--|---------------------|--|----------------------|----------------------------------|--|--|--|--|-----------|----------|--|--|---|--|--|--|--|--|--|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-16 | | Page 1 of 1 | | | | | | | | | | | | | | |
| Collector Ken Eano, Jennifer Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | | | | | | | | | | | | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | | | | | | | | | | | | | | |
| Ice Chest No. 62096-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | | | | | | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | | | | | | | | | | | | |
| | | | | COA | | MEA 1271P40 | | | | | | | | | | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | Preservation | Frozen | | | | | | | | | | | | | | | | | | |
| | | | Type of Container | aG | | | | | | | | | | | | | | | | | | |
| | | | No. of Container(s) | 1 | | | | | | | | | | | | | | | | | | |
| | | | Volume | 120mL | | | | | | | | | | | | | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | | | | | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | | | | |
| B0V889 | Other Solid | 4/15/99 | 1:06 pm | X | | | | | | | | | | | | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | SPECIAL INSTRUCTIONS | | | | | | | Matrix * | | | | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of shipment collection until shipment to offsite lab. RN 5/24/99 | | | | | | | Soil Water Vapor Other Solid Other Liquid | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | | | | | | | | | | | | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | | | | | | | | | | | | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | | | | | | Date/Time | | | | | | | | | | | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-17 | | Page 1 of 1 | | | |
| Collector Ken Cano, Jennifer Limille | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | | Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | | | |
| Ice Chest No. 92C96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | |
| | | | | COA | | MBA 1221P40 | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | Preservation | | Frozen | | | | | | | |
| | | Type of Container | | aG | | | | | | | |
| | | No. of Container(s) | | 1 | | | | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | Volume | | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | C2 | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | |
| BQV890 | | Other Solid | | 4/15/99 | | 1:19 p | | X | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | | | | | Matrix * | |
| Relinquished By K. Cano | | Date/Time 5/15/99 1520 | | Received By R. Nielson | | Date/Time 5/25/99 1530 | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from egg shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | | Soil | |
| Relinquished By R. Nielson | | Date/Time 5/26/99 1530 | | Received By Fed Ex | | Date/Time 5/27/99 0930 | | Samples stored in freezer from time of collection until shipment to offsite lab. RIN 5/26/99 | | Water | |
| Relinquished By Fed Ex | | Date/Time 5/27/99 0930 | | Received By Fed Ex | | Date/Time 5/27/99 0930 | | | | Vapor | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | Other Solid | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | Other Liquid | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | Date/Time | | | | | |

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|--|--|---|--|---------------------------|--|---------------------------------------|--|-----------------------------------|--|
| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-18 | | Page 1 of 1 | |
| Collector <i>Ken Cano, Jenifer Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | <i>Horseshoe</i> | | SAF No. B99-056 | | Data Turnaround 45 Days | |
| Ice Chest No. <i>ELC96-053</i> | | Field Logbook No. | | | | Method of Shipment Federal Express | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | |
| | | | | | | COA <i>MEA 1221P40</i> | | | |

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|--|---------------------|--|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|----------|--|--|--|--|--|
| B0V891 | Other Solid | 4/15/99 | 1:36p | <i>X</i> | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names Relinquished By <i>[Signature]</i> Date/Time <i>5/25/99 1530</i> Received By <i>[Signature]</i> Date/Time <i>5/25/99</i> Relinquished By <i>[Signature]</i> Date/Time <i>5-26-99</i> Received By <i>Fed Ex</i> Date/Time Relinquished By <i>[Signature]</i> Date/Time Received By <i>[Signature]</i> Date/Time <i>5/27/99 0930</i> Relinquished By <i>[Signature]</i> Date/Time Received By <i>[Signature]</i> Date/Time | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from time of collection until shipment to offsite lab. 5/26/99</i> | Matrix * Soil Water Vapor Other Solid Other Liquid |
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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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|--|--------------------------------|---------------------------|---------------------------------------|------------------|----------------------------|
| Collector <i>Ken Gano, Jenifer Linville</i> | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | <i>Horseshoe</i> | SAF No. B99-056 | | |
| Ice Chest No. <i>ELC96-053</i> | Field Logbook No. | | Method of Shipment Federal Express | | |
| Shipped To TMA/RECRA | Offsite Property No. | | Bill of Lading/Air Bill No. | | |

COA *MDA1221P40*

| POSSIBLE SAMPLE HAZARDS/REMARKS | Preservation | Frozen | | | | | | | | | | |
|---|---------------------|--|-------------|---|--|--|--|--|----|--|--|--|
| | Type of Container | aG | | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | B3 | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | |
| B0V892 | Other Solid | 4/15/99 | 1:32 pm | X | | | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | SPECIAL INSTRUCTIONS | Matrix * |
| Relinquished By <i>K. Gano</i> | Date/Time 5/25/99 | Received By <i>R. Nelson</i> | Date/Time 5/25/99 |
| Relinquished By <i>R. Nelson</i> | Date/Time 5/26/99 | Received By <i>Fed Ex</i> | Date/Time |
| Relinquished By <i>Fed Ex</i> | Date/Time | Received By <i>John</i> | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |
| LABORATORY SECTION | | Received By | Title |
| FINAL SAMPLE DISPOSITION | | Disposal Method | Disposed By |

SPECIAL INSTRUCTIONS
Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.

Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RSN

Soil
Water
Vapor
Other Solid
Other Liquid

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-20 | | Page 1 of 1 | | | | | |
| Collector Ken Cano, Jennifer Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | | Data Turnaround 45 Days | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | Horseshoe | | SAF No. B99-056 | | | | | | | |
| Ice Chest No. ERC96-053 | | Field Logbook No. | | | | Method of Shipment Federal Express | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | | | Bill of Lading/Air Bill No. | | | | | | | |
| | | | | | | COA | | MEAN221P40 | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Preservation | | Frozen | | | | | | | |
| | | | | Type of Container | | aG | | | | | | | |
| | | | | No. of Container(s) | | 1 | | | | | | | |
| | | | | Volume | | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | DH3 | | | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | | | |
| B0V893 | | Other Solid | | 4/15/99 | | 1:41 PM | | X | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | | SPECIAL INSTRUCTIONS | | | | Matrix * | | | |
| Relinquished By Ken Cano | | Date/Time 5/25/99 1530 | | Received By R. Nielson | | Date/Time 5/25/99 1530 | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RNL | | | | Soil Water Vapor Other Solid Other Liquid | |
| Relinquished By R. Nielson | | Date/Time 5/26/99 1330 | | Received By Fed Ex | | Date/Time | | | | | | | |
| Relinquished By Fredric | | Date/Time | | Received By Fredric | | Date/Time 5/27/99 0930 | | | | | | | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | | | | | | |
| LABORATORY SECTION | | Received By | | Title | | | | | | Date/Time | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | | | Disposed By | | | | Date/Time | | | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-21 | | Page 1 of 1 | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. 4RC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA(RECRA) | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA MFA1221P40 | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | Preservation | | Frozen | | | | | |
| | | Type of Container | | aG | | | | | |
| | | No. of Container(s) | | 1 | | | | | |
| | | Volume | | 120mL | | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | Pest/PCBs - 8081 (4,4'-DDD, 4,4'-DDE, 4,4'-DDT) | | EC2 | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | |
| BOV894 | | Other Solid | | 4/15/99 | | 11:27a | | X | |
| | | | | | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | | | Matrix * | |
| Relinquished By | | Date/Time | | Received By | | Date/Time | | Soil | |
| R. Nielsen 5/25/99 1530 | | R. Nielsen 5/25/99 1530 | | R. Nielsen 5/25/99 1530 | | 530 | | Water | |
| R. Nielsen 5/26/99 1330 | | R. Nielsen 5/26/99 1330 | | Fred W. | | | | Vapor | |
| Fred W. | | Fred W. | | John 5/27/99 0930 | | | | Other Solid | |
| John 5/27/99 0930 | | John 5/27/99 0930 | | John 5/27/99 0930 | | | | Other Liquid | |
| John 5/27/99 0930 | | John 5/27/99 0930 | | John 5/27/99 0930 | | | | | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | Date/Time | | | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-22 | | Page 1 of 1 | |
| Collector J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. ERC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA MSA1221P40 | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | | Preservation | | Frozen | | | | |
| | | | Type of Container | | aG | | | | |
| | | | No. of Container(s) | | 1 | | | | |
| | | | Volume | | 120mL | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | | | | | | | | |
| SAMPLE ANALYSIS | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | ZC1 | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
| B0V895 | Other Solid | 4/15/99 | 11:22a | X | | | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | | SPECIAL INSTRUCTIONS | | | | Matrix * |
| Relinquished By [Signature] 5/25/99 1530 | | Received By [Signature] 5/26/99 1530 | | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Samples stored in freezer at 3728 from date of collection until shipment to offsite lab. 5/26/99 RJW | | | | Soil Water Vapor Other Solid Other Liquid |
| Relinquished By [Signature] 5/26/99 1330 | | Received By [Signature] 5/26/99 1330 | | | | | | | |
| Relinquished By [Signature] | | Received By [Signature] 5/27/99 0930 | | | | | | | |
| Relinquished By [Signature] | | Received By [Signature] | | | | | | | |
| LABORATORY SECTION | Received By | Title | | | Date/Time | | | | |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | | | Date/Time | | | | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-23 | | Page 1 of 1 | |
| Collector <i>J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>BLC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEAR221P40</i> | | | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |

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|------------------------|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |
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| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V896 | Other Solid | 4/15/99 | 11:41 | X | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | | SPECIAL INSTRUCTIONS | Matrix * |
| Relinquished By | Date/Time | Received By | Date/Time | Soil Water Vapor Other Solid Other Liquid |
| <i>Paul Nelson</i> | 5/25/99 1530 | <i>R. Nelson</i> | 5/26/99 1530 | |
| | | <i>Fed up</i> | | |
| Relinquished By | Date/Time | Received By | Date/Time | |
| <i>Fed up</i> | | <i>John</i> | 5/27/99 0930 | |
| Relinquished By | Date/Time | Received By | Date/Time | |
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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-24 | | Page 1 of 1 | |
| Collector <i>Ken Gans / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | | | | |
| Ice Chest No. <i>ERC96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEATZIP40</i> | | | | | |

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| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | |
| | Volume | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | 2D3 | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V897 | Other Solid | 5/15/99 | 11:34 a | X | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names | SPECIAL INSTRUCTIONS |
| Relinquished By <i>Ken Gans</i> | Date/Time <i>5/25/99 1530</i> | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99 RW</i> |
| Relinquished By <i>R. Nielson</i> | Date/Time <i>5/26/99</i> | |
| Relinquished By <i>Fed Ex</i> | Date/Time <i>5/27/99 0930</i> | |
| Relinquished By | Date/Time | |

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|---------------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-25 | | Page 1 of 1 | | | |
| Collector Ken Gano, Jennifer Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | | | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area DH6 Horseshoe | | SAF No. B99-056 | | | | | | | |
| Ice Chest No. ELC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | | | |
| | | | | COA MDA1221P40 | | | | | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | Preservation | | Frozen | | | | | | | |
| | | Type of Container | | aG | | | | | | | |
| | | No. of Container(s) | | 1 | | | | | | | |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | | Volume | | 120mL | | | | | | | |
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | DH6 | | | | | |
| Sample No. | | Matrix * | | Sample Date | | Sample Time | | | | | |
| BOV898 | | Other Solid | | 4/15/99 | | 1:46p | | X | | | |
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| CHAIN OF POSSESSION | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | | | Matrix * | | | |
| Relinquished By [Signature] 5/25/99 1530 | | Received By R. Nielson 5/25/99 1530 | | Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. | | | | Soil | | | |
| Relinquished By R. Nielson 5-26-99 | | Received By Fed Ex | | Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99 RN | | | | Water | | | |
| Relinquished By Jedex | | Received By Jordan 5/27/99 0930 | | | | | | Vapor | | | |
| Relinquished By | | Received By | | | | | | Other Solid | | | |
| | | | | | | | | Other Liquid | | | |
| LABORATORY SECTION | | Received By | | Title | | Date/Time | | | | | |
| FINAL SAMPLE DISPOSITION | | Disposal Method | | Disposed By | | Date/Time | | | | | |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-26 | | Page 1 of 1 | |
| Collector <i>Ken Gano / J. Linville</i> | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area | | SAF No. B99-056 | | Data Turnaround 45 Days | | | |
| Ice Chest No. <i>DL96-053</i> | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA <i>MEB1271 P40</i> | | | | | |

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|--|---------------------|--|--|----|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | | | |
| | Type of Container | aG | | | | | | | | | |
| | No. of Container(s) | 1 | | | | | | | | | |
| | Volume | 120mL | | | | | | | | | |
| SAMPLE ANALYSIS | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | A5 | | | | | | | |

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|
| B0V899 | Other Solid | 4/15/99 | 1350 | X | | | | | | | |
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| CHAIN OF POSSESSION | Sign/Print Names <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>[Signature]</i> Date/Time <i>5/25/99</i> </div> <div> Received By <i>[Signature]</i> Date/Time <i>5/25/99</i> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>[Signature]</i> Date/Time <i>5/25/99</i> </div> <div> Received By <i>Fedex</i> Date/Time <i>5/27/99 0930</i> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> Relinquished By <i>Fedex</i> Date/Time </div> <div> Received By Date/Time </div> </div> | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. <i>Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99</i> | Matrix * Soil Water Vapor Other Solid Other Liquid |
|----------------------------|--|--|---|

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| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

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| Bechtel Hanford Inc. | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | B99-056-53 | | Page 1 of 1 | |
| Collector S. Weiss / J. Linville | | Company Contact Steve Weiss | | Telephone No. 372-9531 | | Project Coordinator TRENT, SJ | | Price Code 9N Data Turnaround 45 Days | |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | | Sampling Location 600 Area ALE HQ (starling) | | SAF No. B99-056 | | | | | |
| Ice Chest No. BRC96-053 | | Field Logbook No. | | Method of Shipment Federal Express | | | | | |
| Shipped To TMA/RECRA | | Offsite Property No. | | Bill of Lading/Air Bill No. | | | | | |
| | | | | COA MEAT221040 | | | | | |

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|--|---------------------|-----------------------|--|--|--|--|--|--|--|
| POSSIBLE SAMPLE HAZARDS/REMARKS Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab. | Preservation | Frozen | | | | | | | |
| | Type of Container | aG | | | | | | | |
| | No. of Container(s) | 926199 | | | | | | | |
| | Volume | RUN 7 500mL | | | | | | | |

| | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE ANALYSIS | | | | Pest/PCBs - 8081 (4,4'- DDD, 4,4'- DDE, 4,4'- DDT) | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|
| B0V8D6 | Other Solid | 4/22/99 | 9:32a | X | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | |
|----------------------------|-------------------------|------------------------------|-----------|--|--|--|--|--|--|
| CHAIN OF POSSESSION | Sign/Print Names | | | | SPECIAL INSTRUCTIONS Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas. Eggs collected for MDL study. Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99 RUN | | | | Matrix * Soil Water Vapor Other Solid Other Liquid |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | |
| Quinn K. Lilla | 4/22 | DSI John | 11:55 | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | |
| D. St. John | 12:00 | Dan St. John | 4/22/99 | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | |
| Dan St. John | 4/22/99 | 3728 Facility Freezer | | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | |
| 3728 Freezer | 5/26/99 | R. Nelson | 5/26/99 | | | | | | |
| Relinquished By | Date/Time | Received By | Date/Time | | | | | | |
| R. Nelson | 5/26/99 | Fed Ex | | | | | | | |

| | | | |
|---------------------------------|-------------------------------|----------------------|----------------------------------|
| LABORATORY SECTION | Received By 2 celuc | Title John | Date/Time 5/27/99 0930 |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

| | | | | | |
|--|--------------------------------|---------------------------|---------------------------------------|------------------|----------------------------|
| Collector <i>Linville</i> | Company Contact Steve Weiss | Telephone No. 372-9531 | Project Coordinator TRENT, SJ | Price Code 9N | Data Turnaround 45 Days |
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot | Sampling Location 600 Area | <i>H-06 - LE</i> | SAF No. B99-056 | | |
| Ice Chest No. <i>ERC96-053</i> | Field Logbook No. | | Method of Shipment Federal Express | | |
| Shipped To TMA/RECRA | Offsite Property No. | | Bill of Lading/Air Bill No. | | |

COA *MEA221P40*

POSSIBLE SAMPLE HAZARDS/REMARKS

Preservation

Frozen

Type of Container

aG

No. of Container(s)

1

Volume

500mL

Special Handling and/or Storage

All samples are to be frozen prior to shipment to the lab.

SAMPLE ANALYSIS

*4 Meadowlark egg*Pest/PCBs -
8081 (4,4'-
DDD, 4,4'-
DDE, 4,4'-
DDT)

| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| BOV8D8 | Other Solid | 5/19/99 | 1300 | X | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

CHAIN OF POSSESSION

Sign/Print Names

| | | | |
|---------------------------------------|----------------------|---------------------------------|---------------------------|
| Relinquished By <i>Denise Linn</i> | Date/Time 5/25/99 | Received By <i>R. Nelson</i> | Date/Time 5/25/99 |
| Relinquished By <i>R. Nelson</i> | Date/Time 5/26/99 | Received By <i>Fedex</i> | Date/Time |
| Relinquished By <i>Jedee</i> | Date/Time | Received By <i>Jedee</i> | Date/Time 5/27/99 0930 |
| Relinquished By | Date/Time | Received By | Date/Time |

SPECIAL INSTRUCTIONS

Bird eggs will be packaged in ziploc bags and placed in sample bottles. The lab is to remove contents from eggs shells and analyze the contents. Overnight shipment is required. Samples are to remain frozen. All samples are collected from non-rad areas.

Samples stored in freezer at 3728 from date of collection until shipment to lab. 5/26/99 RJN

Matrix *

Soil
Water
Vapor
Other Solid
Other Liquid

| | | | |
|--------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |

SAMPLE EXTRACTION RECORD

Sheet no.: 1

Extract. Date: 06/04/99

Extraction Batch No: 99LE0693

Analyst: BF

Method: N/A

Test: 0608

Cleanup Date: 06/07/99

Analyst: AM

Client: TNU-HANFORD B99-056

LIMS Report Date: 06/11/99

Solvent: DCM

Adsorbent: ACID

| Sample No: | Client Name Client ID | pH | Initial WT/VOL | Surr. Mult. | Spike Mult. | Final VOL | Final VOL | Split Mult. | GPC Y/N | % Solids | C/D FACTOR |
|-----------------|--------------------------|------|-------------------|----------------|----------------|--------------|--------------|----------------|------------|-------------|---------------|
| 9905L101- | TNU-HANFORD B99-056 | | | | | | | | | | |
| 001 X | B0V9C2 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 100.00 | 4166.7 |
| 002 X | B0V9B1 | 2.0 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 5000.0 |
| 003 X | B0V9B2 | 2.1 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 4761.9 |
| 004 X | B0V9B4 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 4166.7 |
| 005 X | B0V9B5 | 1.8 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 5555.6 |
| 006 X | B0V9B6 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 4166.7 |
| 007 X | B0V9B7 | 3.2 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3125.0 |
| 008 X | B0V8B0 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3846.2 |
| 009 X | B0V9B8 | 2.9 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3448.3 |
| 010 X | B0V9B9 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 4166.7 |
| 011 X | B0V8B3 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 4166.7 |
| 012 X | B0V8B2 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3846.2 |
| 013 X | B0V8B1 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3846.2 |
| 015 X | B0VF60 | 4.1 | | 1.0 | | 10 | | 1.0 | N | 100.00 | 2439.0 |
| 015 XS | B0VF60 | 4.5 | | 1.0 | 1.0 | 10 | | 1.0 | N | 100.0 | 2222.2 |
| 015 XT | B0VF60 | 5.9 | | 1.0 | 1.0 | 10 | | 1.0 | N | 100.0 | 1694.9 |
| 016 X | B0VF58 | 7.0 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 1428.6 |
| 017 X | B0V9C1 | 3.01 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3322.3 |
| 018 X | B0V8B4 | 4.5 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 2222.2 |
| 019 X | B0V8B5 | 2.8 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3571.4 |
| 020 X | B0V8B6 | 2.7 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 3703.7 |
| 99LE0693-MB1 X | PBLKLP | 30.0 | | 1.0 | | 10 | | 1.0 | N | 100.0 | 333.3 |
| 99LE0693-MB1 XS | PBLKLP | 30.0 | | 1.0 | 1.0 | 10 | | 1.0 | N | 100.00 | 333.3 |

Comments: DONE BY SOX. SAMPLE MATRIX IS BUGS

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
| | | | BF/AM | 6/11/99 | revision |

SAMPLE EXTRACTION RECORD

Sheet no.: 1

Extract. Date: 06/04/99

Extraction Batch No: 99LE0693

Analyst: BF

Method: N/A

Test: 0608

Cleanup Date: 06/07/99

Analyst: AM

Client: TNU-HANFORD B99-056

LIMS Report Date: 06/07/99

Solvent: DCM

Adsorbent: ACID

| Sample No: | Client Name Client ID | pH | Initial WT/VOL | Surr. Mult. | Spike Mult. | Final VOL | Final VOL | Split Mult. | GPC Y/N | % Solids | C/D FACTOR |
|-----------------|--------------------------|------|-------------------|----------------|----------------|--------------|--------------|----------------|------------|-------------|---------------|
| 9905L101- | TNU-HANFORD B99-056 | | | | | | | | | | |
| 001 X | BOV9C2 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4166.7 |
| 15-001 XS | BOV9C2 | 4.5 | | 1.0 | 1.0 | 10 | | 1.0 | N | 0.0 | 2222.2 |
| 15-001 XT | BOV9C2 | 5.9 | | 1.0 | 1.0 | 10 | | 1.0 | N | 0.0 | 1694.9 |
| 002 X | BOV9B1 | 2.0 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 5000.0 |
| 003 X | BOV9B2 | 2.1 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4761.9 |
| 004 X | BOV9B4 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4166.7 |
| 005 X | BOV9B5 | 1.8 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 5555.6 |
| 006 X | BOV9B6 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4166.7 |
| 007 X | BOV9B7 | 3.2 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3125.0 |
| 008 X | BOV8B0 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3846.2 |
| 009 X | BOV9B8 | 2.9 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3448.3 |
| 010 X | BOV9B9 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4166.7 |
| 011 X | BOV8B3 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4166.7 |
| 012 X | BOV8B2 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3846.2 |
| 013 X | BOV8B1 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3846.2 |
| 015 X | BOVF60 | 4.1 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2439.0 |
| 016 X | BOVF58 | 7.0 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 1428.6 |
| 017 X | BOV9C1 | 3.01 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3322.3 |
| 018 X | BOV8B4 | 4.5 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2222.2 |
| 019 X | BOV8B5 | 2.8 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3571.4 |
| 020 X | BOV8B6 | 2.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3703.7 |
| 99LE0693-MB1 X | PBLKLP | 30.0 | | 1.0 | | 10 | | 1.0 | N | 100.00 | 333.3 |
| 99LE0693-MB1 XS | PBLKLP | 30.0 | | 1.0 | 1.0 | 10 | | 1.0 | N | 100.00 | 333.3 |

Comments: DONE BY SOX. SAMPLE MATRIX IS BUGS

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
| All | AM | 6/7/99 | Blount | 6/7/99 | GC |

080

SAMPLE EXTRACTION RECORD

Sheet no.: 1

Extract. Date: 06/07/99

Extraction Batch No: 99LE0694

Analyst: BF

Method: ****

Test: 0608

Cleanup Date: 06/07/99

Analyst: AM

Client: TNU-HANFORD B99-056

LIMS Report Date: 06/07/99

Solvent: DCM/HEX

Adsorbent: ACID

| Sample No: | Client Name Client ID | pH | Initial WT/VOL | Surr. Mult. | Spike Mult. | Final VOL | Final VOL | Split Mult. | GPC Y/N | % Solids | C/D FACTOR |
|----------------|--------------------------|------|-------------------|----------------|----------------|--------------|--------------|----------------|------------|-------------|---------------|
| 9905L101- | TNU-HANFORD B99-056 | | | | | | | | | | |
| 021 X | BOV8B7 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4166.7 |
| 021 XS | BOV8B7 | 3.7 | | 1.0 | 1.0 | 10 | | 1.0 | N | 0.00 | 2702.7 |
| 021 XT | BOV8B7 | 2.0 | | 1.0 | 1.0 | 10 | | 1.0 | N | 0.00 | 5000.0 |
| 022 X | BOV8B8 | 2.2 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4545.4 |
| 023 X | BOV8C0 | 3.1 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3225.8 |
| 024 X | BOV8C1 | 4.4 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 2272.7 |
| 025 X | BOV8C2 | 2.3 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4347.8 |
| 026 X | BOV8C3 | 2.7 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3703.7 |
| 027 X | BOV8C4 | 4.1 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 2439.0 |
| 028 X | BOV8C5 | 2.5 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4000.0 |
| 029 X | BOV8C6 | 4.8 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 2083.3 |
| 030 X | BOV8C7 | 2.4 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4166.7 |
| 031 X | BOV8C8 | 4.1 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 2439.0 |
| 032 X | BOV8C9 | 2.5 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4000.0 |
| 033 X | BOV8D3 | 2.2 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 4545.4 |
| 034 X | BOV874 | 3.7 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 2702.7 |
| 035 X | BOV875 | 4.1 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 2439.0 |
| 036 X | BOV876 | 2.7 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3703.7 |
| 037 X | BOV877 | 2.9 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3448.3 |
| 038 X | BOV878 | 3.0 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3333.3 |
| 039 X | BOV879 | 2.6 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3846.2 |
| 040 X | BOV880 | 3.1 | | 1.0 | | 10 | | 1.0 | N | 0.00 | 3225.8 |
| 99LE0694-MB1 X | PBLKLQ | 30.0 | | 1.0 | | 10 | | 1.0 | N | 100.00 | 333.3 |

Comments: DONE BY SOX

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
| AM | AM | 6/7/99 | AM | 6/7/99 | CC |

SAMPLE EXTRACTION RECORD

Sheet no.: 2

Extract. Date: 06/07/99

Extraction Batch No: 99LE0694

Analyst: BF

Method: ****

Test: 0608

Cleanup Date: 06/07/99

Analyst: AM

Client: TNU-HANFORD B99-056

LIMS Report Date: 06/07/99

Solvent: DCM/HEX

Adsorbent: ACID

| Sample No: | Client Name Client ID | pH | Initial WT/VOL | Surr. Mult. | Spike Mult. | Final VOL | Final VOL | Split Mult. | GPC Y/N | % Solids | C/D FACTOR |
|-----------------|--------------------------|----|-------------------|----------------|----------------|--------------|--------------|----------------|------------|-------------|---------------|
| 99LE0694-MB1 XS | PBLKLQ | | 30.0 | 1.0 | 1.0 | 10 | | 1.0 | N | 100.00 | 333.3 |

Comments: DONE BY SOX

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
| ALL | AM | 6/7/99 | [Signature] | 6/7/99 | GA |

SAMPLE EXTRACTION RECORD

Sheet no.: 1

Extract. Date: 06/08/99

Extraction Batch No: 99LE0702

Analyst: BF

Method: ****

Test: 0608

Cleanup Date: 06/10/99

Analyst: AM

Client: TNU-HANFORD B99-056

LIMS Report Date: 06/10/99

Solvent: DCM/HEX

Adsorbent: ACID

| Sample No: | Client Name Client ID | pH | Initial WT/VOL | Surr. Mult. | Spike Mult. | Final VOL | Final VOL | Split Mult. | GPC Y/N | % Solids | C/D FACTOR |
|-----------------|--------------------------|------|-------------------|----------------|----------------|--------------|--------------|----------------|------------|-------------|---------------|
| 9905L101- | TNU-HANFORD B99-056 | | | | | | | | | | |
| 041 X | BOV881 | 3.2 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3125.0 |
| 042 X | BOV882 | 5.3 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 1886.8 |
| 043 X | BOV883 | 5.1 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 1960.8 |
| 044 X | BOV884 | 2.8 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3571.4 |
| 045 X | BOV885 | 3.4 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2941.2 |
| 046 X | BOV886 | 2.8 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3571.4 |
| 047 X | BOV887 | 5.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 1754.4 |
| 048 X | BOV888 | 3.1 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3225.8 |
| 049 X | BOV889 | 4.8 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2083.3 |
| 050 X | BOV890 | 3.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2702.7 |
| 051 X | BOV891 | 3.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2702.7 |
| 052 X | BOV892 | 5.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 1754.4 |
| 053 X | BOV893 | 3.6 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2777.8 |
| 054 X | BOV894 | 3.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 2702.7 |
| 055 X | BOV895 | 2.7 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3703.7 |
| 056 X | BOV896 | 2.9 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3448.3 |
| 057 X | BOV897 | 2.1 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 4761.9 |
| 058 X | BOV898 | 3.1 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 3225.8 |
| 059 X | BOV899 | 1.8 | | 1.0 | | 10 | | 1.0 | N | 0.0 | 5555.6 |
| 059 XS | BOV899 | 1.5 | | 1.0 | 1.0 | 10 | | 1.0 | N | 0.0 | 6666.7 |
| 059 XT | BOV899 | 1.3 | | 1.0 | 1.0 | 10 | | 1.0 | N | 0.0 | 7692.3 |
| 99LE0702-MB1 X | PBLKLV | 30.0 | | 1.0 | | 10 | | 1.0 | N | 100.00 | 333.3 |
| 99LE0702-MB1 XS | PBLKLV | 30.0 | | 1.0 | 1.0 | 10 | | 1.0 | N | 100.00 | 333.3 |

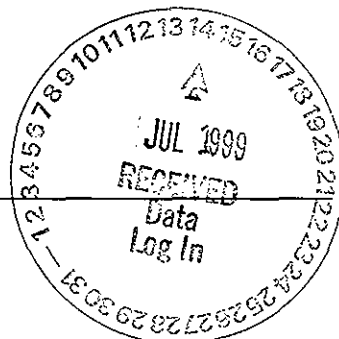
Comments: DONE BY SOX, 101-42 WOULD NOT ACID CLEAN.

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
| 101 | AM | 6/10/99 | B/Lea | 6/14/99 | GC |

080



**Recra LabNet Philadelphia
Analytical Report**

Client: TNU-HANFORD B99-056
RFW#: 9906L135
SDG/SAF#: H0424/B99-056

W.O.#: 10985-001-001-9999-00
Date Received: 05-27-99


PESTICIDE

The set of samples consisted of two (2) egg samples collected on 05-03,05-99.

The samples and their associated QC samples were extracted on 06-24-99 and analyzed based on SW846, 3rd Edition procedures on 06-29-99 and 07-01-99. The extraction procedure was based on method 3540 and the extracts were analyzed based on method 8081.

The following is a summary of the QC results accompanying the sample results and a description of any problems encountered during their analyses:

1. All required holding times for analysis have been met, however no extraction holding time was used for egg samples.
2. The samples and their associated QC samples received a sulfuric acid cleanup.
3. The method blank was below the reporting limits for all target compounds.
4. All obtainable surrogate recoveries were within acceptance criteria.
5. All blank spike recoveries were within acceptance criteria.
6. Matrix spike recoveries were unobtainable for 4,4'-DDE due to the high concentration of 4,4'-DDE in the sample. All other matrix spike recoveries were within acceptance criteria.
7. Both samples required instrument dilutions due to high concentrations of target analytes. Reporting limits have been adjusted to reflect the necessary dilutions.
8. All initial calibrations associated with this data set were within acceptance criteria.
9. All continuing calibration standards analyzed prior to sample extracts were within acceptance criteria.


J. Michael Taylor
Vice President
Philadelphia Analytical Laboratory

07-07-99
Date

pefr:\group\data\pest\06L-135.pes

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 6 pages.

001

GLOSSARY OF PESTICIDE/PCB DATA

DATA QUALIFIERS

- U** = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J** = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I** = Interference.

ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- SP** = Indicates Spiked Compound.



GLOSSARY OF PESTICIDE/PCB DATA

- P** = This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".
- D** = This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C** = This flag applies to a compound that has been confirmed by GC/MS.



Recra LabNet - Lionville Laboratory

Pesticides/PCB by GC, Special List

Report Date: 07/03/99 17:07

RFW Batch Number: 9906L135

Client: TNU-HANFORD B99-056

Work Order: 10985001001 Page: 1

004

| | Cust ID: | B0V8F0 | B0V8F0 | B0V8F0 | B0V8F0 | B0V8D8 | PBLKMT |
|--|----------------------|--------|--------|--------|---------|--------|--------------|
| Sample | RFW#: | 001 | 001 DL | 001 MS | 001 MSD | 002 | 99LE0754-MB1 |
| Information | Matrix: | SOLID | SOLID | SOLID | SOLID | SOLID | SOIL |
| | D.F.: | 1.00 | 20.0 | 1.00 | 1.00 | 10.0 | 1.00 |
| | Units: | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG | UG/KG |
| Surrogate: | Decachlorobiphenyl | 101 % | D % | 92 % | 99 % | D % | 92 % |
| | Tetrachloro-m-xylene | 108 % | D % | 98 % | 108 % | D % | 100 % |
| =====fl=====fl=====fl=====fl=====fl=====fl=====fl===== | | | | | | | |
| 4,4'-DDE | | E | 1800 | 0 * E% | 123 E% | 1000 | 3.3 U |
| 4,4'-DDD | | 21 U | NA | 90 % | 90 % | 230 U | 3.3 U |
| 4,4'-DDT | | 21 U | NA | 80 % | 90 % | 230 U | 3.3 U |

Cust ID: PBLKMT BS

Sample RFW#: 99LE0754-MB1
 Information Matrix: SOIL
 D.F.: 1.00
 Units: UG/KG

| | | |
|--|----------------------|-------|
| Surrogate: | Decachlorobiphenyl | 90 % |
| | Tetrachloro-m-xylene | 100 % |
| =====fl=====fl=====fl=====fl=====fl=====fl=====fl===== | | |
| 4,4'-DDE | | 120 % |
| 4,4'-DDD | | 100 % |
| 4,4'-DDT | | 90 % |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
 %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

9/07-06-99

Recra LabNet - Lionville Laboratory
 PEST/PCB ANALYTICAL DATA PACKAGE FOR
 TNU-HANFORD B99-056

DATE RECEIVED: 05/27/99

RFW LOT # :9906L135

| CLIENT ID | RFW # | MTX | PREP # | COLLECTION | EXTR/PREP | ANALYSIS |
|-----------|---------|-------|----------|------------|-----------|----------|
| BOV8F0 | 001 | SO | 99LE0754 | 05/03/99 | 06/24/99 | 06/29/99 |
| BOV8F0 | 001 | 01 SO | | 05/03/99 | 06/24/99 | 07/01/99 |
| BOV8F0 | 001 MS | SO | 99LE0754 | 05/03/99 | 06/24/99 | 06/29/99 |
| BOV8F0 | 001 MSD | SO | 99LE0754 | 05/03/99 | 06/24/99 | 06/29/99 |
| BOV8D8 | 002 | SO | 99LE0754 | 05/19/99 | 06/24/99 | 07/01/99 |

LAB QC:

| | | | | | | |
|--------|--------|---|----------|-----|----------|----------|
| PBLKMT | MB1 | S | 99LE0754 | N/A | 06/24/99 | 06/29/99 |
| PBLKMT | MB1 BS | S | 99LE0754 | N/A | 06/24/99 | 06/29/99 |

gw
 07-06-99

RECRA LabNet Use Only

9906 L135

Custody Transfer Record/Lab Work Request

RECRA
LabNet

| | | | | | | | | | | | | | | | |
|--|--------|-----------------------|-------------------------|------------|----------------|----------------|------|-------|-------|--|--|--|--|--|--|
| Client <u>TAUL-Hanford B99-056</u> | | | Refrigerator # <u>4</u> | | | | | | | | | | | | |
| Est. Final Proj. Sampling Date | | | #/Type Container | Liquid | | | | | | | | | | | |
| Project # <u>10985-001-001-9999-00</u> | | | | Solid | | | | | | | | | | | |
| Project Contact/Phone # | | | Volume | Liquid | | | | | | | | | | | |
| RECRA Project Manager <u>DJ</u> | | | | Solid | | | | | | | | | | | |
| QC <u>Spec</u> Del <u>std</u> TAT <u>30 days</u> | | | Preservatives | <u>COA</u> | | | | | | | | | | | |
| Date Rec'd <u>5/27/99</u> Date Due <u>6/26/99</u> | | | ANALYSES REQUESTED → | ORGANIC | | | | | INORG | | | | | | |
| Account # | | | | VOA | BNA | Pes/PCB | Herb | Metal | CN | | | | | | |
| RECRA LabNet Use Only | | | | | | | | | | | | | | | |
| MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish | Lab ID | Client ID/Description | Matrix QC Chosen (✓) | Matrix | Date Collected | Time Collected | | | | | | | | | |
| | | | MS | MSD | | | | | | | | | | | |
| | 001 | B0V8FO | | | SO | 5/3/99 | 1446 | | | | | | | | |
| | 002 | B0V8DB | | | SO | 5/19/99 | 1300 | | | | | | | | |
| | | | | | | | | | | | | | | | |
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FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

saf # B99-056

COMPOSITE
WASTE

DATE/REVISIONS:

1. Relog of 9905L101-014
2. 9905L101-061
3. _____
4. _____
5. _____
6. _____

RECRA LabNet Use Only

Samples were:

 1) Shipped ____ or
 Hand Delivered ____
 Airbill # _____

2) Ambient or Chilled

3) Received in Good

Condition Y or N

4) Labels Indicate

Property Preserved

Y or N

5) Received Within

Holding Times

Y or N

COC Tape was:

1) Present on Outer
Package Y or N2) Unbroken on Outer
Package Y or N3) Present on Sample
Y or N4) Unbroken on
Sample Y or NCOC Record Present
Upon Sample Rec't

Y or N

Relinquished
by

Jedler

Received
by

Jedler

Date

5/27/99

Time

0930

Relinquished
by

Time

ORIGINAL
REWRITTENDiscrepancies Between
Samples Labels and
COC Record? Y or N

NOTES: